WHITTIER, CALIFORNIA, USA

ELECTRICAL EQUIPMENT SUBMITTAL

PUREFLOW JOB NO. P23002

SUBMITTAL NO. S003
REVISION NO. 0

DATE

MAY 16, 2023

CLIENT

CITY OF BUCKEYE, ARIZONA, USA

PROJECT

SUNDANCE WATER TREATMENT PLANT EXPANSION

CONSULTING ENGINEER

HILGARTWILSON, LLC
PHOENIX, ARIZONA, USA

LOCAL REPRESENTATIVE

REACO ASSOCIATES, LLC
LITCHFIELD PARK, ARIZONA, USA

DOCUMENTATION INDEX

CLIENT: CITY OF BUCKEYE, AZ, USA

PROJECT: SUNDANCE WATER TREATMENT PLANT EXPANSION JOB NO.: P23002

MANUFACTURER	DESCRIPTION	SEC.
PUREFLOW	DRAWINGS	A
VARIOUS	EQUIPMENT DATASHEETS & MANUALS	B

SECTION A

ELECTRICAL DRAWINGS

SECTION A
DRAWING INDEX

CLIENT: CITY OF BUCKEYE, AZ, USA

PROJECT: SUNDANCE WATER TREATMENT PLANT EXPANSION JOB NO.: P23002

DWG NO.	SHTS	REV	DESCRIPTION
E100	18	B	ELECTRICAL SCHEMATICS

CITY OF BUCKEYE, ARIZONA, USA
SUNDANCE WATER TREATMENT PLANT EXPANSION

E100

CONTROL SYSTEM ARCHITECTURE AND FIELD CONNECTIONS FOR FILTER VESSELS F AND G.

TABLE OF CONTENTS

INSTALLATION AND LOCATION DEFINITIONS

INSTALLATIONS

INST	Installation Type	Process Title	INST Electrical Description	Source Drawing	Revision	Referenced Drawings
110F	AREA	FILTER VESSEL 'F'	DEVICES AND EQUIMENT LOCATED NEAR VESSEL	P-100	A	MECHANICAL{M-100}
110G	AREA	FILTER VESSEL 'G'	DEVICES AND EQUIMENT LOCATED NEAR VESSEL	P-100	A	MECHANICAL{M-100}
630F	Analyzer Panel	TURBIDITY ANALYZER	DEVICES AND EQUIMENT LOCATED ON ANALYZER PANEL	P-100	A	MECHANICAL{M-630}
630G	Analyzer Panel	TURBIDITY ANALYZER	DEVICES AND EQUIMENT LOCATED ON ANALYZER PANEL	P-100	A	MECHANICAL{M-630}

LOCATIONS

INST	LOC	Process Title	LOC Electrical Description	Source Drawing	Revision	=INSTALLATIONS+LOCATIONS
110F	110F JBL		FILTER VESSEL JUNCTION BOX 24VDC VOLTAGE	E100	A	=110F+110F JBL
110F	110F JBH		FILTER VESSEL JUNCTION BOX 120-240VAC VOLTAGE	E100	A	=110F+110F JBH
110F	FIT F1		CONNECTIONS TAGGED INSIDE OF INSTRUMENT BODY	P-100	A	=110F+FIT F1
110F	MOD FCV-V		CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110F+MOD FCV-V
110F	PT F1		CONNECTIONS TAGGED INSIDE OF INSTRUMENT BODY	P-100	A	=110F+PT F1
110F	PT F2		CONNECTIONS TAGGED INSIDE OF INSTRUMENT BODY	P-100	A	=110F+PT F2
110F	V1-F	FILTER VESSEL 'F' VALVE 1	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110F+V1-F
110F	V2-F	FILTER VESSEL 'F' VALVE 2	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110F+V2-F
110F	V3-F	FILTER VESSEL 'F' VALVE 3	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110F+V3-F
110F	V4-F	FILTER VESSEL 'F' VALVE 4	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110F+V4-F
110F	V5-F	FILTER VESSEL 'F' VALVE 5	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110F+V5-F
110F	VALVE NEST	FILTER VESSEL	CONNECTIONS/EQUIPMENT TAGGED AT THE SKID LEVEL	P-100	A	=110F+VALVE NEST
110G	110G JBL		FILTER VESSEL JUNCTION BOX 24VDC VOLTAGE	E100	A	=110G+110G JBL
110G	110G JBH		FILTER VESSEL JUNCTION BOX 120-240VAC VOLTAGE	E100	A	=110G+110G JBH
110G	FIT F1		CONNECTIONS TAGGED INSIDE OF INSTRMUENT BODY	P-100	A	=110G+FIT F1
110G	MOD FCV-V		CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110G+MOD FCV-V
110G	PT F1		CONNECTIONS TAGGED INSIDE OF INSTRMUENT BODY	P-100	A	=110G+PT F1
110G	PT F2		CONNECTIONS TAGGED INSIDE OF INSTRMUENT BODY	P-100	A	=110G+PT F2
110G	V1-F	FILTER VESSEL 'F' VALVE 1	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110G+V1-F
110G	V2-F	FILTER VESSEL 'F' VALVE 2	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110G+V2-F
110G	V3-F	FILTER VESSEL 'F' VALVE 3	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110G+V3-F
110G	V4-F	FILTER VESSEL 'F' VALVE 4	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110G+V4-F
110G	V5-F	FILTER VESSEL 'F' VALVE 5	CONNECTIONS TAGGED INSIDE OF ACTUATOR BODY	P-100	A	=110G+V5-F
110G	VALVE NEST	FILTER VESSEL	CONNECTIONS/EQUIPMENT TAGGED AT THE SKID LEVEL	P-100	A	=110G+VALVE NEST
630F	AIT 417F		CONNECTIONS TAGGED INSIDE OF INSTRUMENT BODY	P-100	A	=630F+AIT 417F
630F	ANALYZER PANEL		CONNECTIONS/EQUIPMENT TAGGED AT THE CHECMICAL PANEL LEVEL	P-100	A	=630F+ANALYZER PANEL
630G	AIT 417G		CONNECTIONS TAGGED INSIDE OF INSTRUMENT BODY	P-100	A	=630G+AIT 417G
630G	ANALYZER PANEL		CONNECTIONS/EQUIPMENT TAGGED AT THE CHECMICAL PANEL LEVEL	P-100	A	=630G+ANALYZER PANEL

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PHOENIX, ARIZONA, USA
ENGINEER

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

TABLE OF CONTENTS
GENERAL DESCRIPTION
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	1 OF 18
REVISION	**B**

ELECTRICAL NOTES:

1. FIELD WIRING: ALL FIELD WIRING AND CABLING WILL BE SPECIFIED AND PROVIDED BY CONTRACTOR TO MEET PROJECT SPECIFICATIONS AND CODES AS WELL ACCEPTED TRADE PRACTICES FOR POWER, CONTROL, AND COMMUNICATION WIRING.
2. SKID AND CONTROL PANEL WIRING INSTALLED AT THE FACTORY WILL BE SPECIFIED BY PUREFLOW.
3. ALL WIRES CONNECTED TO PLC IO MODULES TO BE SIZED 18 AWG MTW, FROM PLC TERMINAL TO CONNECTING DEVICE/TERMINAL. ALL OTHER WIRING TO BE 14 AWG FOR PRIMARY SUPPLY VOLTAGE (120VAC EQUIPMENT SUPPLY), 16 AWG FOR SECONDARY CONTROL VOLTAGES (120 VAC DEVICE SUPPLY, 24VDC CONTROL SUPPLY)
4. ALL CABLE SHIELDS AND DRAIN WIRES TO BE GROUNDED AT TERMINATION ON ONLY ONE END OF CABLE ASSEMBLY.
5. SERIAL COMMUNICATION (RS-485, RS-232, ETC) COMMON WIRE TO BE TERMINATED AT ONLY ONE POINT PER CABLE LENGTH. GROUNDING AT CONTROL PANEL TAKES PRECEDENCE. IF EQUIPMENT MANUFACTURER HAS PROVIDED A GROUNDED COMMON, GROUNDING TERMINATION AT EQUIPMENT COMMUNICATIONS INTERFACE TAKES PRECEDENCE.
6. ALL CONTROL WIRE INSIDE OF CONTROL PANELS SHALL BE OF TYPE MTW AND/OR AWM/UL-758 STYLE EQUIVALENT TO ALPHAWIRE SERIES 6700 WIRE.
7. SERIAL COMMUNICATIONS WIRE/CABLE NOT FOR ETHERNET CONNECTIONS WILL BE RATED AT AT LEAST 300V AND EQUIVALENT OR BETTER TO BELDEN PART NO. 9364 FOR 300V MAX LOCATIONS AND ALPHAWIRE 6450/2 SL002 ON 600VAC MAX LOCATIONS.
8. ETHERNET CONNECTIONS TO BE MADE WITH DATA CABLE RATED IN ACCORDANCE TO CODES AND CAPABLE OF 1GBPS CONNECTIONS. STANDARD FOR CONTROL PANELS WILL BE EQUIVALENT TO QUABBIN DATAMAX Q5090-1.
9. CABLE AND WIRING OUTSIDE OF PANELS (E.G. FIELD WIRING) DESIGNED AND CONSTRUCTED BY PUREFLOW WILL BE PROCURED AND INSTALLED BY CONTRACTOR COLOR CODING STANDARDS:
   - 9.1. FIELD: TO BE DECIDED BY CONTRACTOR ACCORDING TO TRADE PRACTICES AND CODE. EXCEPTION: SOME COMMUNICATIONS CABLES AND WIRE COLORS/SCHEMES ARE SPECIFIED ON SCHEMATICS AND NOTES.
   - 9.2. FACTORY:
     - 9.2.1. SUPPLY VOLTAGE (FOR ALL POWER OR CONTROL WIRES):
       - 9.2.1.1. 120VAC - UNGROUNDED CURRENT CARRYING CONDUCTOR - LINE: BLACK
       - 9.2.1.2. 120VAC - NEUTRAL: WHITE
       - 9.2.1.3. 120VAC - GROUND - POWER: GREEN
       - 9.2.1.4. 120VAC - GROUND - CONTROL SIGNAL (IF NOT CONNECTED TO POWER GROUND): GREEN W/ YELLOW STRIPE
     - 9.2.2. DC VOLTAGE 24VDC:
       - 9.2.2.1. 24VDC - UNGROUNDED CURRENT CARRYING CONDUCTOR (+): BLUE
       - 9.2.2.2. 24VDC - COMMON (-): WHITE W/ BLUE STRIPE.
       - 9.2.2.3. 24VDC - GROUND - POWER: GREEN
       - 9.2.2.4. 24VDC - GROUND - CONTROL SIGNAL (IF NOT CONNECTED TO POWER GROUND): GREEN W/ YELLOW STRIPE
     - 9.2.3. COMMUNICATIONS - RS-485 (DEPENDENT ON CABLE. NOTE: CABLES W/OUT SHIELD AND/OR BRAID AND DRAIN WIRE ARE STRICTLY PROHIBITED. CONTRACTOR ASSUMES RESPONSIBILITY FOR COMMUNICATION PROBLEMS IF THIS IS NOT FOLLOWED)
       - 9.2.3.1. RS-485 - (+): BLUE OR RED
       - 9.2.3.2. RS-485 - (-): WHITE OR BLACK
       - 9.2.3.3. RS-485 - COMMON: DRAIN. (NOTE: DRAIN WIRE ONLY TO BE CONNECTED TO GROUND AT ONE END OF CABLE LENGTH.)
     - 9.2.4. CAT5E/ETHERNET
       - 9.2.4.1. TWISTED PAIRS: T568B

ABBREVIATIONS

ABBREVIATION	DEFINITION
A.O.M.	AUTO-OFF-MANUAL
AI	ANALOG INPUT
ANT.	ANTENNA
AO	ANALOG OUTPUT
BLU	BLUE
CB	CIRCUIT BREAKER
CBL	CABLE
CELL	CELLULAR
CH	CHANNEL
CHLR	CHILLER
COMM	COMMUNICATIONS
CONT	CONTROL
CONTR.	CONTRACTOR
CR	CONTROL RELAY
E.I.	ELECTRICAL INSTRUMENTATION
E.P.	ELECTRICAL POWER
E/IP	ETHERNET/IP PROTOCOL CONNECTION
F.EQ	FIELD EQUIPMENT
FB	FEEDBACK
FE	FAST ETHERNET CONNECTION (10/100 MBPS)
FEN	FIELD EQUIPMENT - NETWORKED
FES	FIELD EQUIPMENT -SERIAL
FT	FEET/FOOT
GBIT	GIGABIT
GE	GIGABIT ETHERNET CONNECTION (1GBPS)
GTWY.	GATEWAY
I/V	CURRENT/VOLTAGE
L.C.P.	LOCAL CONTROL PANEL
24V-LA	24VDC LOCAL ACTUATOR POWER
LDDR.	LADDER
LT	LIGHT
M.C.P.	MASTER CONTROL PANEL
M.ISNT.	MAIN INSTALLATION
MAN.	MANUAL.
MBID	MODBUS ID
MBRTU	MODBUS RTU
MBTCP	MODBUS TCP/IP PROTOCOL CONNECTION
MCP	MASTER CONTROL PANEL
MODL.	MODULE
MOD-PWR	MODULE POWER
MTS	MASS TRANSFER SKID
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
O3D	OZONE DESTRUCT UNIT
O3G	OZONE GENERATION UNIT
ODS	OZONE DESTRUCT SKID
OL	OVERLOAD
OR	ORANGE
OTS.	OZONE TREATMENT SYSTEM
OUT.	OUTPUT
OVR.	OVERRIDE
P&C	POWER AND CONTROL
PANL	PANEL
PB	PUSH BUTTON
PLC.A	PLC ACCESSORY
PNL.	PANEL
POS.	POSITION
PPL	POWER PANEL
PS	POWER SUPPLY
PWR	POWER
24V-SA	24VDC FIELD SENSOR/ACTUATOR POWER
SA-S	SYSTEM ARCHITECTURE - SERIAL
SGNL	SIGNAL
SH.	SHEET
SN	SERVICE NEUTRA
SKT.	SOCKET
SS	SELECTOR SWITCH
ST/ST	START/STOP
SW.	SWITCH
TSP.	TWISTED SHIELDED PAIR
TYP.	TYPICAL
UNMNGD.	UNMANAGED
UPS	UNINTERRUPTABLE POWER SUPPLY
USB-A	USB TYPE-A SOCKET/RECEPTACLE
USB-B	USB TYPE-B SOCKET/RECEPTACLE
XF	TRANSFORMER
S.N.	SERVICE NEUTRAL
S.L.	SERVICE LINE VOLTAGE

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DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

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PROJECT

GENERAL NOTES
ABBREVIATIONS
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	2 OF 18
REVISION	**B**

ELECTRICAL CONTROL SCHEMATIC LEGEND: NOTES

LADDERS ARE NUMBERED ACCORDING TO SUB-SECTION FOLLOWED BY DOUBLE DIGITS STARTING AT 00. (SUBSEC00)

WIRE NUMBERS ARE NUMBERED ACCORDING TO LADDER WITH APPENDED NUMERIC SEQUENCE.

COMPONENTS ARE IDENTIFIED AS FOLLOWS: SUBSECTION COMPONENT-TYPE SEQUENCE NUMBER. EX: 1CR1
LETTERED SUBSECTIONS WILL BE SEPARATED FROM COMPONENT TYPE WITH A DASH. EX: S-CR1

CONTINUOUS WIRE LINE-TYPES DENOTE WIRING INSIDE OF PUREFLOW PROVIDED PANELS, JUNCTION BOXES, SKIDS, AND OTHER EQUIPMENT.

WIRE AND COMPONENT CROSS REFERENCES WILL INCLUDE SHEET NUMBER WHEN REFERENCE IS NOT ON SAME SHEET.

LOCATION RECTANGLE WITH TITLE. WILL USUALLY REFLECT PANELS AND OTHER ENCLOSURES. LOCATION TAGS FOR EQUIPMENT INSIDE OF LOCATION BOXES MAY BE OMMITTED.

DASHED WIRE LINE-TYPES DENOTE FIELD WIRING NOT IN PUREFLOW PROVIDED PANELS, JUNCTION BOXES, SKIDS, AND OTHER EQUIPMENT.

TERMINAL STRIP IDENTIFICATION FOR EQUIPMENT IS INCLUDED WHEN NECESSARY.

TERMINAL JUMPER - EXTERNAL

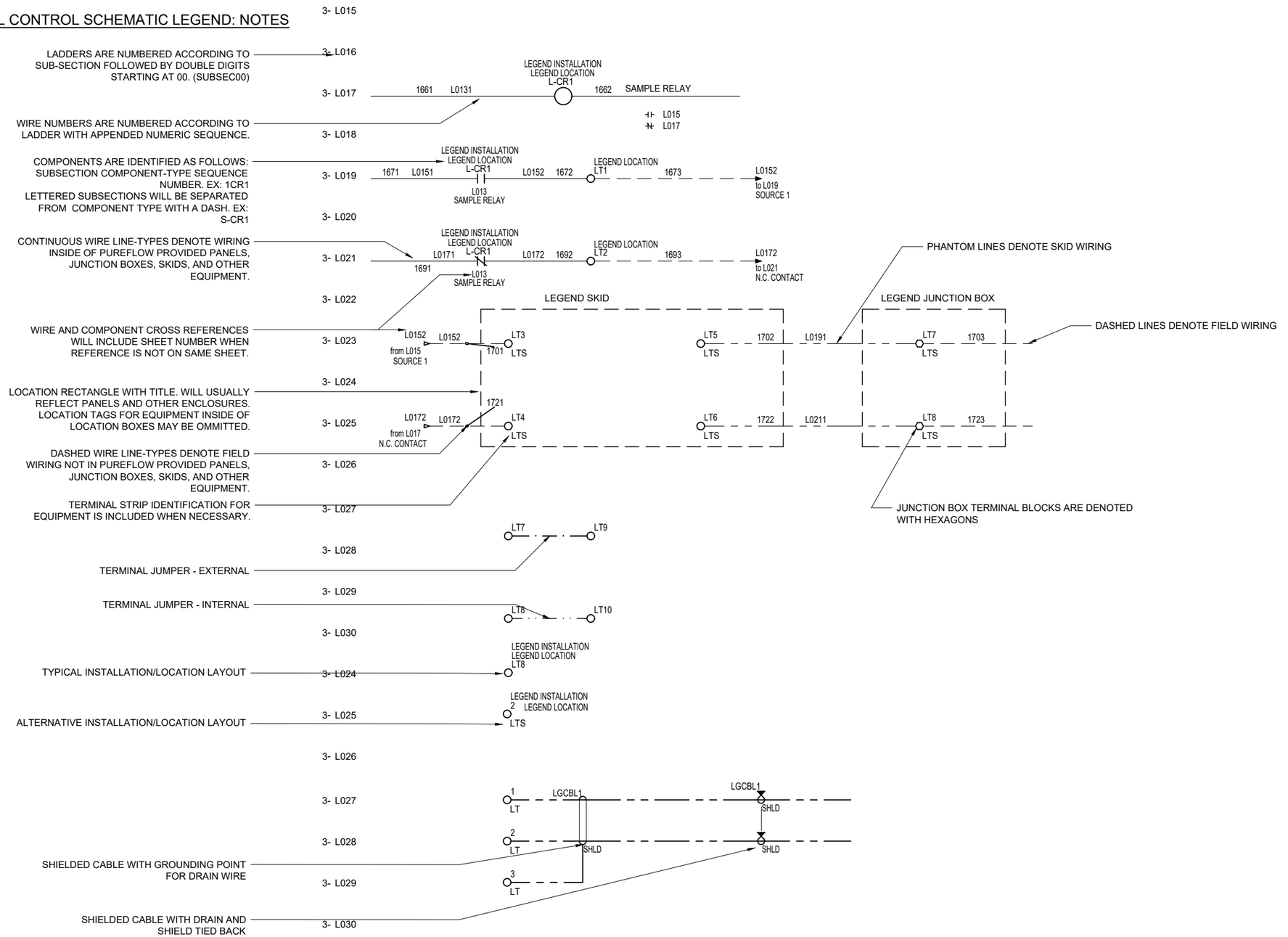
TERMINAL JUMPER - INTERNAL

TYPICAL INSTALLATION/LOCATION LAYOUT

ALTERNATIVE INSTALLATION/LOCATION LAYOUT

SHIELDED CABLE WITH GROUNDING POINT FOR DRAIN WIRE

SHIELDED CABLE WITH DRAIN AND SHIELD TIED BACK



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LEGENDS
TITLE

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DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	3 OF 18
REVISION	**B**

=110F

=110F+VESSEL AREA

110F JBH
220VAC JB
5
C-4

110F JBL
24VDC JB
7
B-4

=110F+VALVE NEST

=110F+V1-F	=110F+V2-F	=110F+V3-F	=110F+V4-F	=110F+V5-F	=110F+MOD FCV-F	=110F+FIT F1	=110F+PT F1	=110F+PT F2
9-V1-F.00	9-V2-F.00	9-V3-F.00	10-V4-F.00	10-V5-F.00	10-FCV-F.00	11-F.018	11-F.025	11-F.028
VALVE	VALVE	VALVE	VALVE	VALVE	FLOW METER	FLOW METER	PRESSURE TRANSMITTER	PRESSURE TRANSMITTER

=630F+ANALYZER PANEL

=630F+AIT 417F
11-F.000
ANALYZER

=110G

=110G+VESSEL AREA

110G JBH
220VAC JB
12
C-4

110G JBL
24VDC JB
14
B-4

=110G+VALVE NEST

=110G+V1-G	=110G+V2-G	=110G+V3-G	=110G+V4-G	=110G+V5-G	=110G+MOD FCV-G	=110G+FIT G1	=110G+PT G1	=110G+PT G2
16-V1-G.00	16-V2-G.00	16-V3-G.00	17-V4-G.00	17-V5-G.00	17-FCV-G.00	18-G.018	18-G.025	18-G.028
VALVE	VALVE	VALVE	VALVE	VALVE	FLOW METER	FLOW METER	PRESSURE TRANSMITTER	PRESSURE TRANSMITTER

=630G+ANALYZER PANEL

=630G+AIT 417G
18-G.000
ANALYZER

SYSTEM CONNECTIONS MAP - LEGEND

PANEL TAG → JB / JB DESC
SHEET NUMBER → SH
X-Y COORDINATE → X-Y

JUNCTION BOXES

INSTALLATION+LOCATION → =INST+LOC
SHEET NUMBER-LINE REFERENCES. MULTIPLE REFERENCES ARE POSSIBLE. → SH-LNNN
X-Y COORDINATE → DESCRIPTION

FIELD EQUIPMENT/INSTRUMENTS

EQUIPMENT/PANELS INSIDE OF SHADED BOUNDARY HAVE CONNECTIONS THROUGH JB1

JB1 / JB1 DESC / SH X-Y
=INST1+LOC1 / SH1-L1 / DESCRIPTION
=INST2+LOC2 / SH2-L2 / DESCRIPTION
JB2 / JB2 DESC / SH X-Y

EQUIPMENT/PANELS INSIDE OF OVERLAPPING BOUNDARIES HAVE CONNECTIONS IN BOTH JB1 & JB2.

CONNECTION BOUNDARIES

INSTALLATION (U.N.O.)		LOCATION (U.N.O.)		SECTION	ELECTRICAL ARCHITECTURE	SUB-SECTION		FILENAME	P23002-E100-EA001.dwg

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SYSTEM CONNECTIONS MAP
TITLE

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DATE	05-16-2023
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'B' SIZE SCALE	
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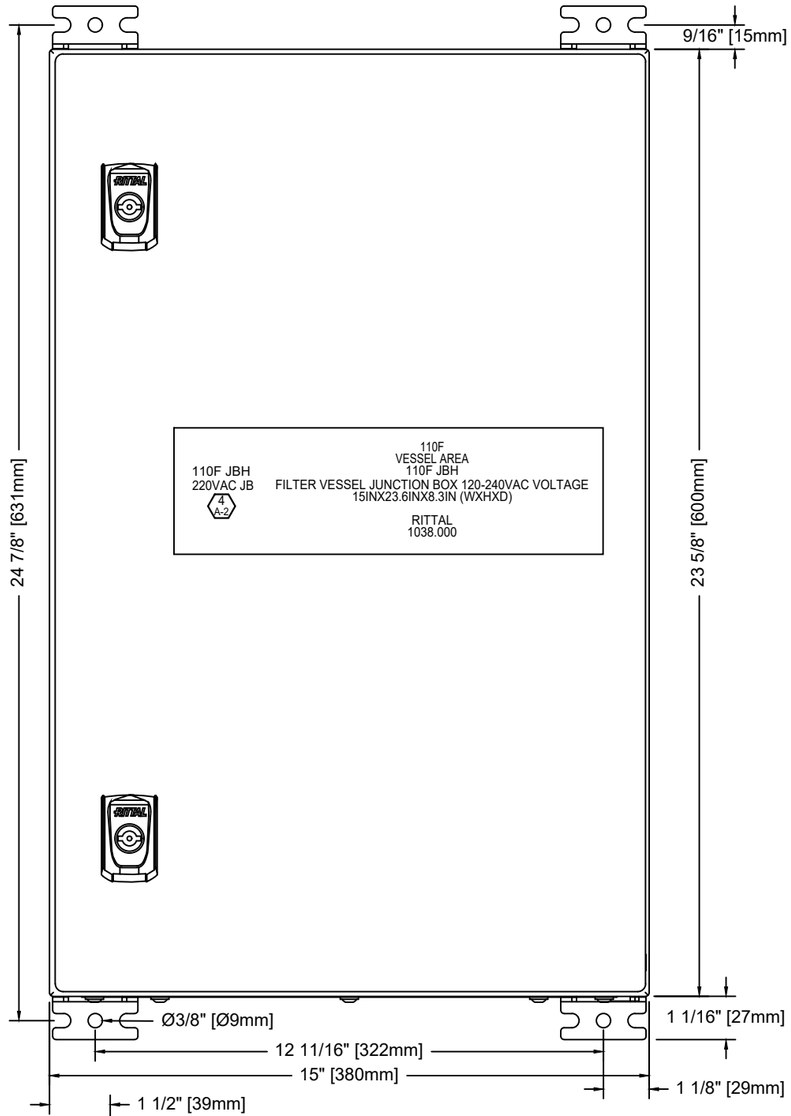
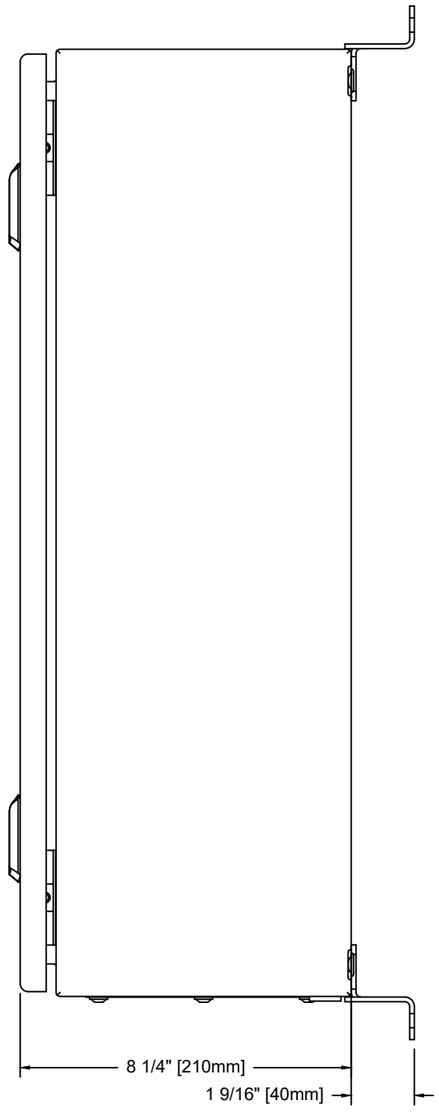
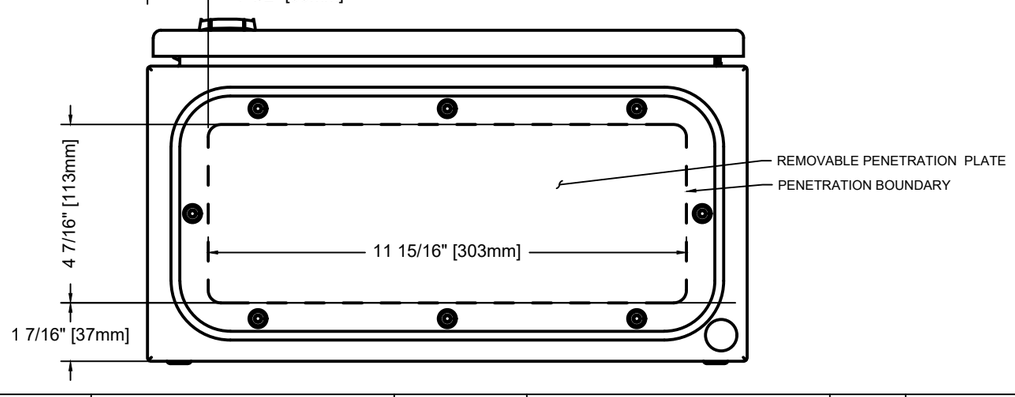
SHEET	4 OF 18
REVISION	**B**





BILL OF MATERIALS - PANEL COMPONENTS

NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
100747	110F JBH	1	*1	1038.000	RITTAL	ENCLOSURE, WALL MOUNTED, UL-TYPE 1/3R/4/12/IP66,CARBON STEEL, 380mmX600mmX210mm/15inX23.6inX8.3in (WXHXD), QUARTER TURN LOCK, AX TYPE 1, 3R, 4, 12 WALL MOUNT ENCLOSURE
100380			*1	2503.020	RITTAL	ENCLOSURE,HARDWARE,MOUNTING,WALL,BRACKET,UL-TYPE 1/3R/4/12,ZINC PLATED,WALL OFFSET:1.57"[40mm].8.2MM (5/16") MOUNTING HOLE,4PCS,RITAL AX/KX CARBON UL TYPE-1/3R/4/12 BRACKET ENCLOSURE EXTERIOR MOUNTING HARDWARE



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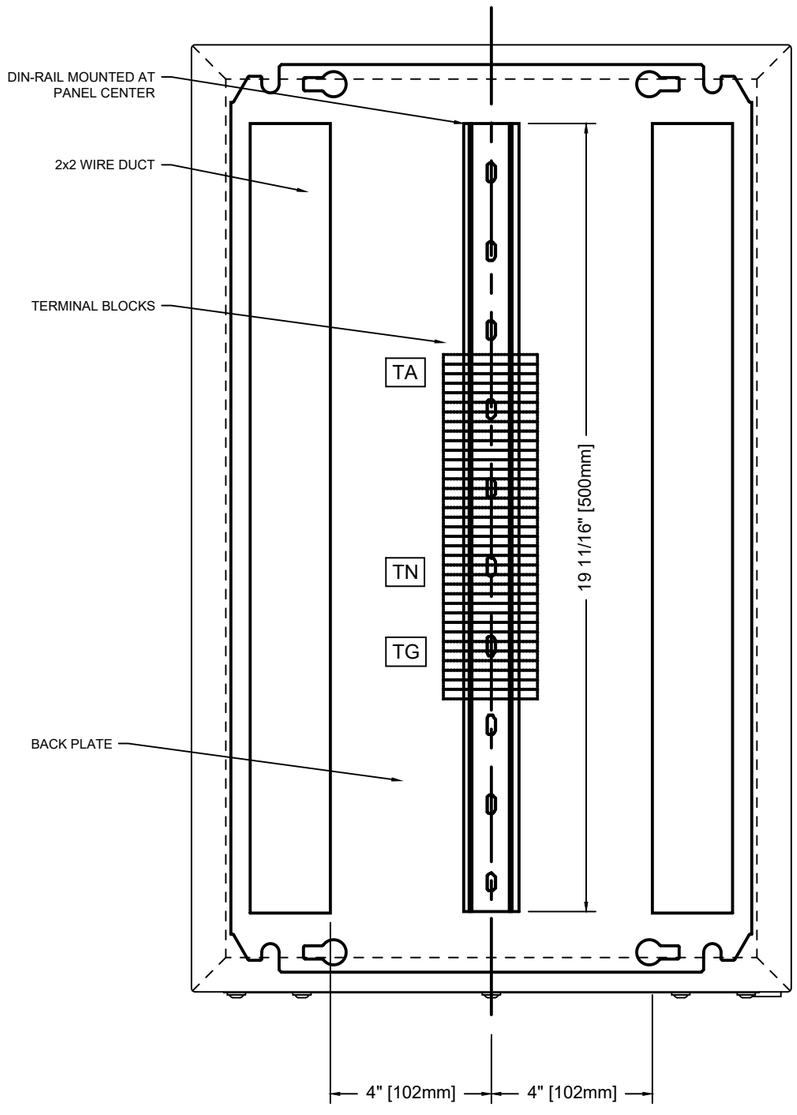
SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

110F JBH
EXTERNAL LAYOUT
PANEL BOM
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	5 OF 18
REVISION	**B**

INSTALLATION (U.N.O.)	110F	LOCATION (U.N.O.)	VESSEL AREA	SECTION	ELECTRICAL LAYOUT	SUB-SECTION	110F JBH	FILENAME	P23002-E100-EL001.dwg



BILL OF MATERIALS - SCHEMATIC COMPONENTS

NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
175926	TA TN	26		1492-J4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,[UL:#22-10AWG/35A CSA:#26-10AWG/25A]@600V AC/DC,GREY IEC FEED-THROUGH,DIN-RAIL,ONE-CIRCUIT,GREY UL/CSA: 35A/25A@600VAC/DC 9.0 lb-in (1.0 N-m) TERMINAL BLOCK
175927	TG	8		1492-JG4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,GROUNDING,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,UL/CSA: 22-10 AWG,GREY IEC FEED-THROUGH,DIN-RAIL,GROUNDING,GREY UL/CSA: GROUNDING 9.0 lb-in (1.0 N-m) TERMINAL BLOCK

TA

110F JBH: TA				
Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-F.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V1-F.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V1-F.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-F.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-F.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-F.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-F.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-F.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-F.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-F.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-F.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-F.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-F.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-F.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-F.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
FCV-F.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
F.0031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
F.0211	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □

TN

110F JBH: TN				
Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-F.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-F.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-F.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-F.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-F.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
FCV-F.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
F.0021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
F.0201	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □

TG

110F JBH: TG				
Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-F.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V2-F.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V3-F.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V4-F.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V5-F.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
FCV-F.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
F.0011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
F.0191	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □

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HILGARTWILSON, LLC
PHOENIX, ARIZONA, USA

ENGINEER

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CONTRACTOR

REVISIONS		
DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA

CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION

PROJECT

110F JBH

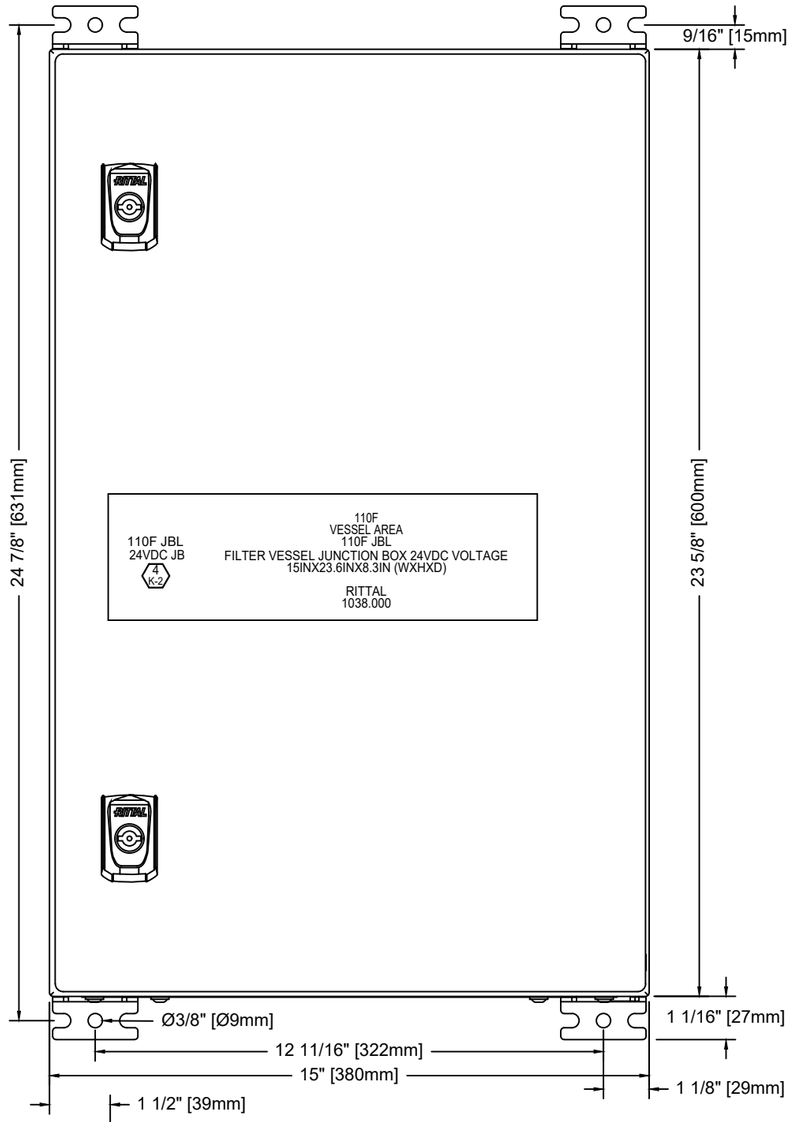
INTERNAL LAYOUT

SCHEMATIC BOM

TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	6 OF 18
REVISION	B

INSTALLATION (U.N.O.)	110F	LOCATION (U.N.O.)	VESSEL AREA	SECTION	ELECTRICAL LAYOUT	SUB-SECTION	110F JBH	FILENAME	P23002-E100-EL002.dwg



BILL OF MATERIALS - PANEL COMPONENTS

NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
100747	110F JBL	1	*1	1038.000	RITTAL	ENCLOSURE, WALL MOUNTED, UL-TYPE 1/3R/4/12/IP66,CARBON STEEL, 380mmX600mmX210mm/15inX23.6inX8.3in (WXHXD), QUARTER TURN LOCK, AX TYPE 1, 3R, 4, 12 WALL MOUNT ENCLOSURE
100380			*1	2503.020	RITTAL	ENCLOSURE,HARDWARE,MOUNTING,WALL,BRACKET,UL-TYPE 1/3R/4/12,ZINC PLATED,WALL OFFSET:1.57"[40mm].8.2MM (5/16") MOUNTING HOLE,4PCS,RITAL AX/KX CARBON UL TYPE-1/3R/4/12 BRACKET ENCLOSURE EXTERIOR MOUNTING HARDWARE

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

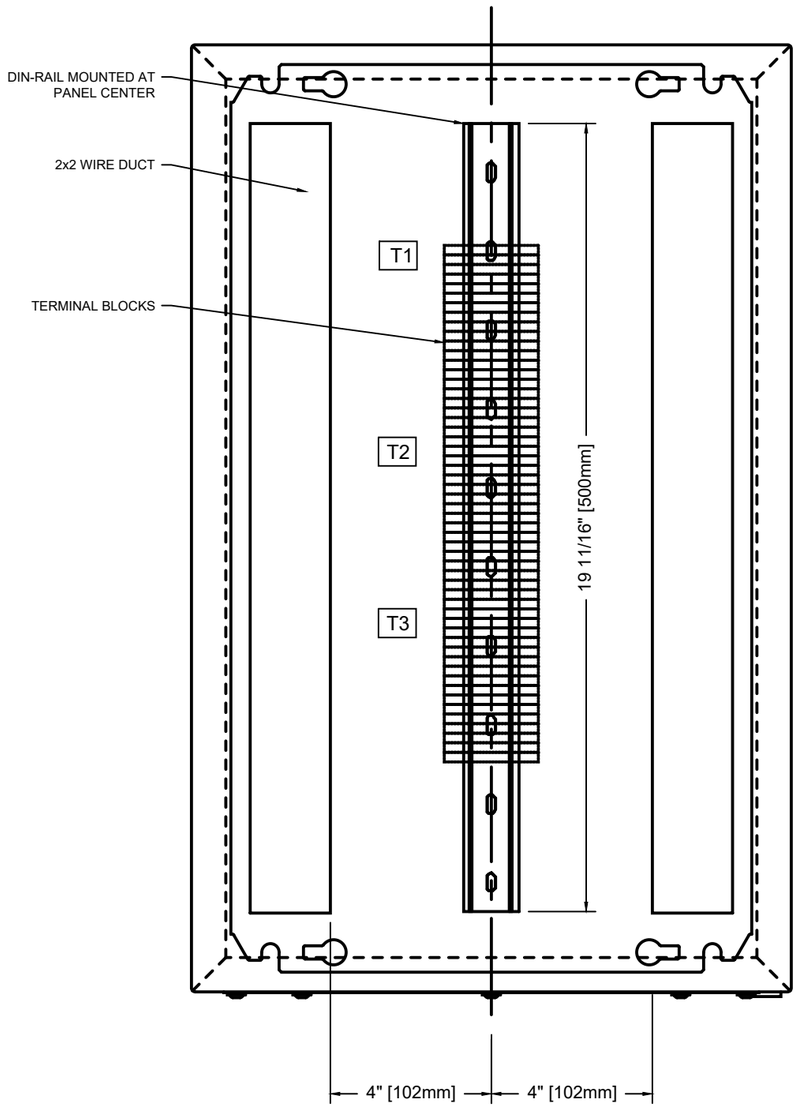
CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

110F JBL
EXTERNAL LAYOUT
PANEL BOM
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	7 OF 18
REVISION	**B**

INSTALLATION (U.N.O.)	110F	LOCATION (U.N.O.)	VESSEL AREA	SECTION	ELECTRICAL LAYOUT	SUB-SECTION	110F JBL	FILENAME	P23002-E100-EL003.dwg



BILL OF MATERIALS - SCHEMATIC COMPONENTS

NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
175926	T1 T2 T3	48		1492-J4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,[UL:#22-10AWG/35A CSA:#26-10AWG/25A]@600V AC/DC,GREY IEC FEED-THROUGH,DIN-RAIL,ONE-CIRCUIT,GREY UL/CSA: 35A/25A@600VAC/DC 9.0 lb-in (1.0 N-m) TERMINAL BLOCK
175927	T3	6		1492-JG4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,GROUNDING,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,UL/CSA: 22-10 AWG,GREY IEC FEED-THROUGH,DIN-RAIL,GROUNDING,GREY UL/CSA: GROUNDING 9.0 lb-in (1.0 N-m) TERMINAL BLOCK

T1

110F JBL: T1

Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-F.061	ALLEN BRADLEY	1492-J4		
V1-F.081	ALLEN BRADLEY	1492-J4		
V1-F.101	ALLEN BRADLEY	1492-J4		
V2-F.061	ALLEN BRADLEY	1492-J4		
V2-F.081	ALLEN BRADLEY	1492-J4		
V2-F.101	ALLEN BRADLEY	1492-J4		
V3-F.061	ALLEN BRADLEY	1492-J4		
V3-F.081	ALLEN BRADLEY	1492-J4		
V3-F.101	ALLEN BRADLEY	1492-J4		
V4-F.061	ALLEN BRADLEY	1492-J4		
V4-F.081	ALLEN BRADLEY	1492-J4		
V4-F.101	ALLEN BRADLEY	1492-J4		
V5-F.061	ALLEN BRADLEY	1492-J4		
V5-F.081	ALLEN BRADLEY	1492-J4		
V5-F.101	ALLEN BRADLEY	1492-J4		
FCV-F.061	ALLEN BRADLEY	1492-J4		
FCV-F.081	ALLEN BRADLEY	1492-J4		
FCV-F.101	ALLEN BRADLEY	1492-J4		

T2

110F JBL: T2

Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-F.071	ALLEN BRADLEY	1492-J4		
V1-F.091	ALLEN BRADLEY	1492-J4		
V1-F.111	ALLEN BRADLEY	1492-J4		
V2-F.071	ALLEN BRADLEY	1492-J4		
V2-F.091	ALLEN BRADLEY	1492-J4		
V2-F.111	ALLEN BRADLEY	1492-J4		
V3-F.071	ALLEN BRADLEY	1492-J4		
V3-F.091	ALLEN BRADLEY	1492-J4		
V3-F.111	ALLEN BRADLEY	1492-J4		
V4-F.071	ALLEN BRADLEY	1492-J4		
V4-F.091	ALLEN BRADLEY	1492-J4		
V4-F.111	ALLEN BRADLEY	1492-J4		
V5-F.071	ALLEN BRADLEY	1492-J4		
V5-F.091	ALLEN BRADLEY	1492-J4		
V5-F.111	ALLEN BRADLEY	1492-J4		
FCV-F.071	ALLEN BRADLEY	1492-J4		
FCV-F.091	ALLEN BRADLEY	1492-J4		
FCV-F.111	ALLEN BRADLEY	1492-J4		

T3

110F JBL: T3

Number	Manufacturer	Catalog	Jumper	Jumper-Internal
FCV-F.121	ALLEN BRADLEY	1492-J4		
FCV-F.131	ALLEN BRADLEY	1492-J4		
FCV-F.132	ALLEN BRADLEY	1492-JG4		
FCV-F.151	ALLEN BRADLEY	1492-J4		
FCV-F.161	ALLEN BRADLEY	1492-J4		
FCV-F.162	ALLEN BRADLEY	1492-JG4		
F.0041	ALLEN BRADLEY	1492-J4		
F.0051	ALLEN BRADLEY	1492-J4		
F.0052	ALLEN BRADLEY	1492-JG4		
F.0221	ALLEN BRADLEY	1492-J4		
F.0231	ALLEN BRADLEY	1492-J4		
F.0232	ALLEN BRADLEY	1492-JG4		
F.0251	ALLEN BRADLEY	1492-J4		
F.0261	ALLEN BRADLEY	1492-J4		
F.0262	ALLEN BRADLEY	1492-JG4		
F.0281	ALLEN BRADLEY	1492-J4		
F.0291	ALLEN BRADLEY	1492-J4		
F.0292	ALLEN BRADLEY	1492-JG4		

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PHOENIX, ARIZONA, USA

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA

CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION

PROJECT

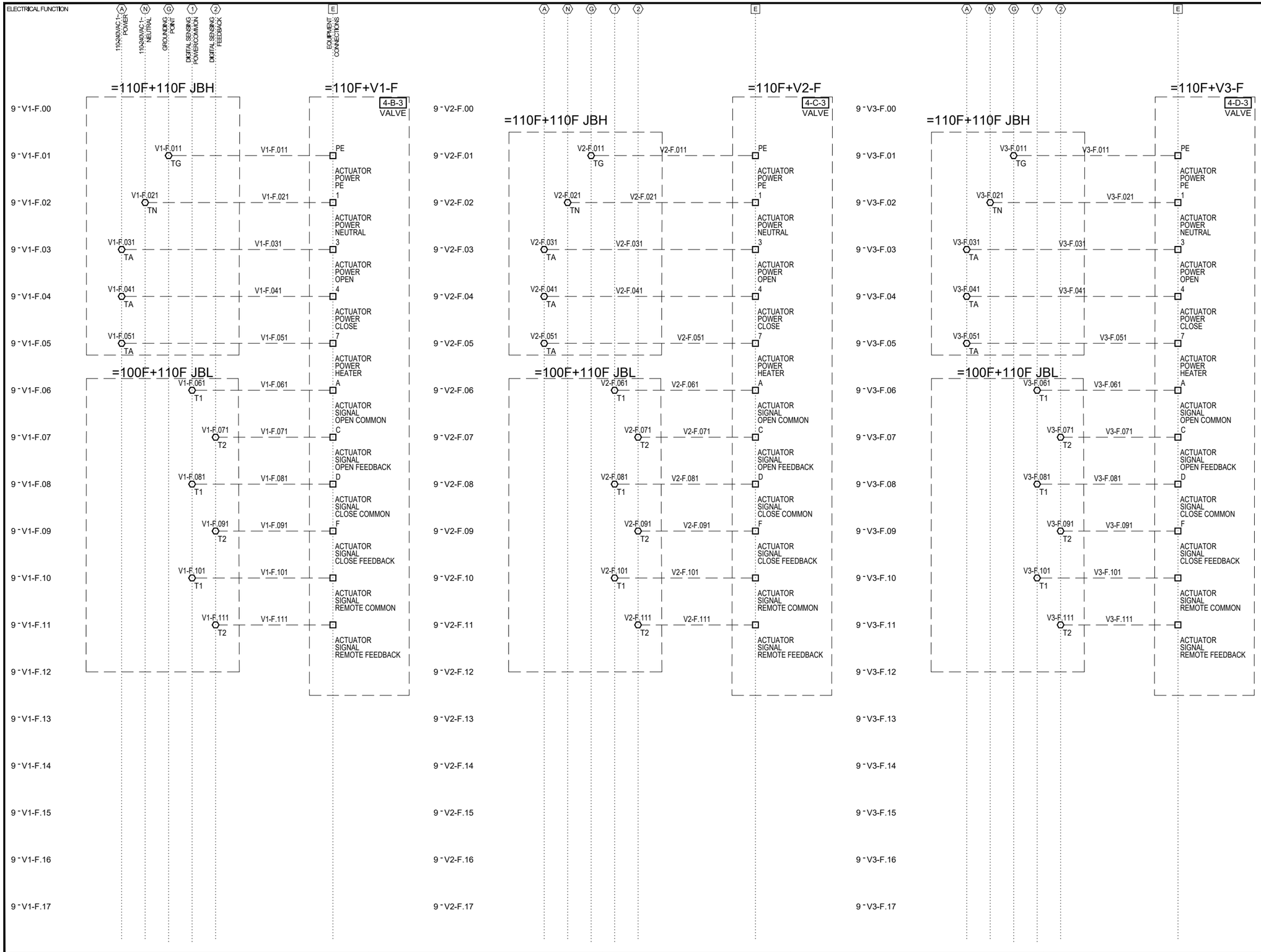
110F JBL

INTERNAL LAYOUT

SCHEMATIC BOM

TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	8 OF 18
REVISION	B



INSTALLATION (U.N.O.)	110F	LOCATION (U.N.O.)	VALVE NEST	SECTION	ELETRICAL CONTROL	SUB-SECTION	V1-F,V2-F,V3-F	FILENAME	P23002-E100-EC001.dwg

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

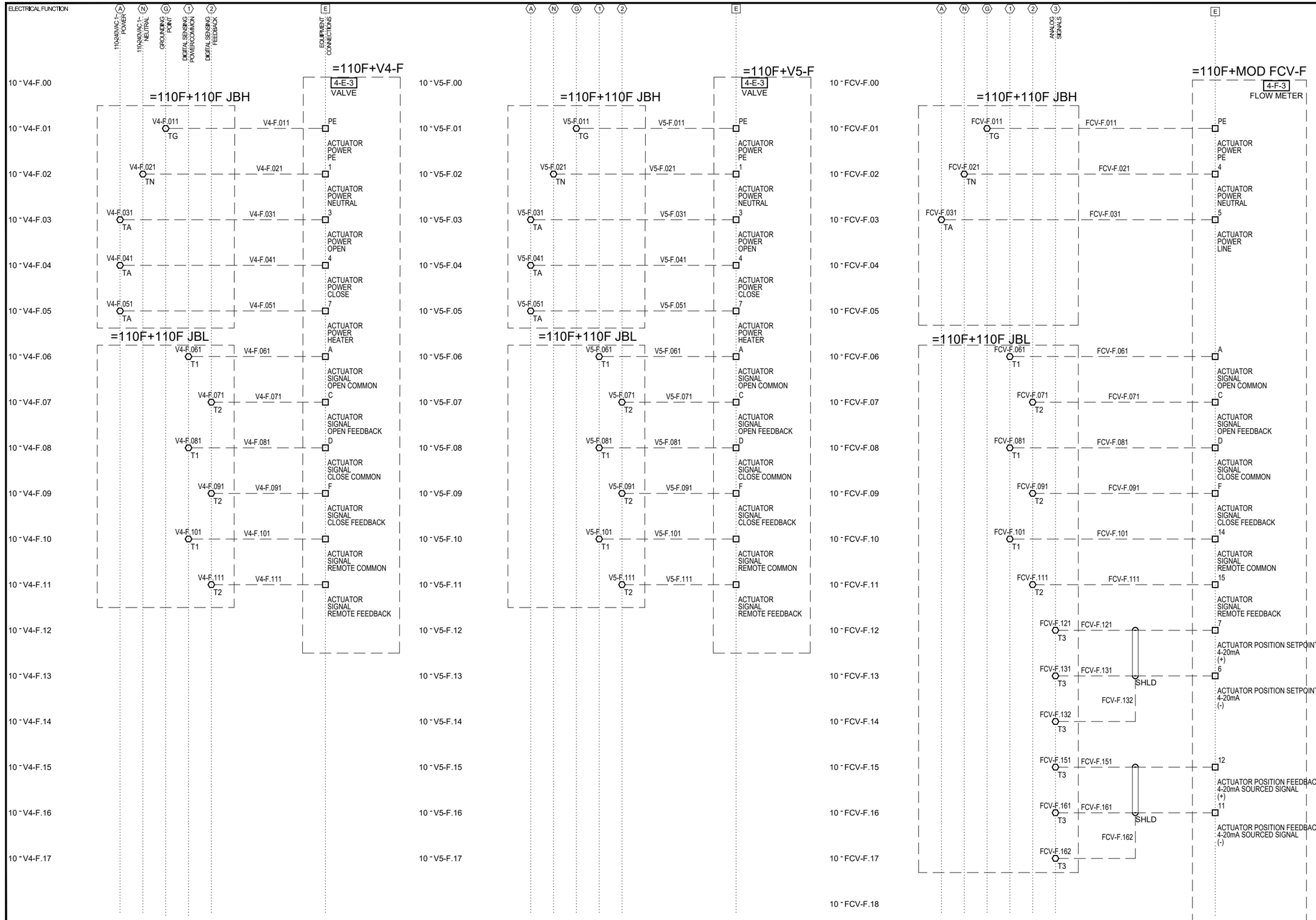
FILTER F

VALVES 1-3

JB CONNECTIONS
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	9 OF 18
REVISION	**B**

ELECTRICAL FUNCTION



INSTALLATION (U.N.O.)	110F	LOCATION (U.N.O.)	VALVE NEST	SECTION	ELETRICAL CONTROL	SUB-SECTION	V4-F,V5-F,MOD FCV-F	FILENAME	P23002-E100-EC002.dwg

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CONTRACTOR

REVISIONS

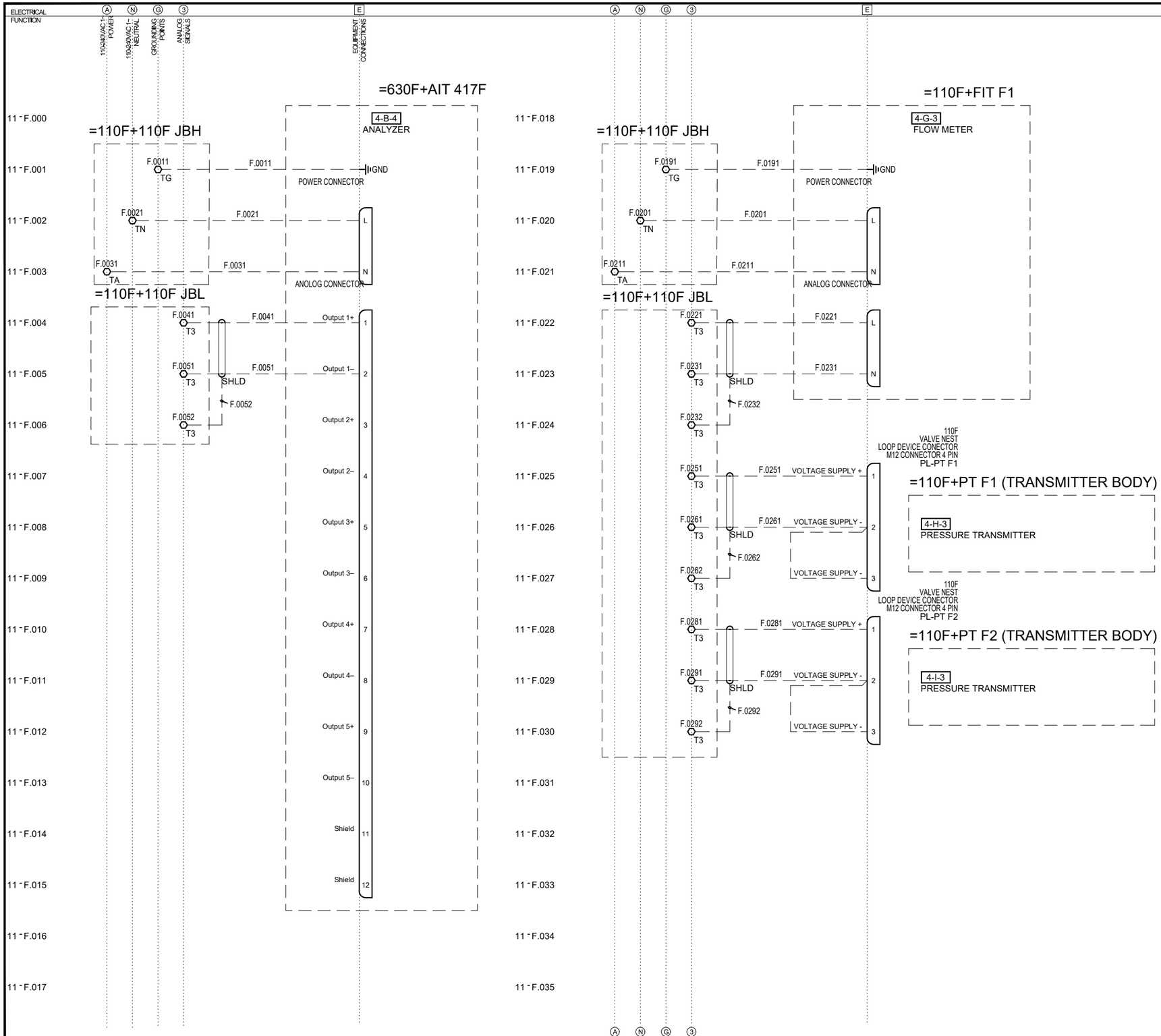
DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

FILTER F
VALVES 4-5,MOD FCV-F
JB CONNECTIONS
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	10 OF 18
REVISION	**B**



INSTALLATION (U.N.O.)	110F	LOCATION (U.N.O.)	VALVE NEST	SECTION	ELETRICAL CONTROL	SUB-SECTION	AIT 417F,FIT F1,PT F2,PT F1	FILENAME	P23002-E100-EC003.dwg	SHEET	11 OF 18	REVISION	B

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PHOENIX, ARIZONA, USA
ENGINEER

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

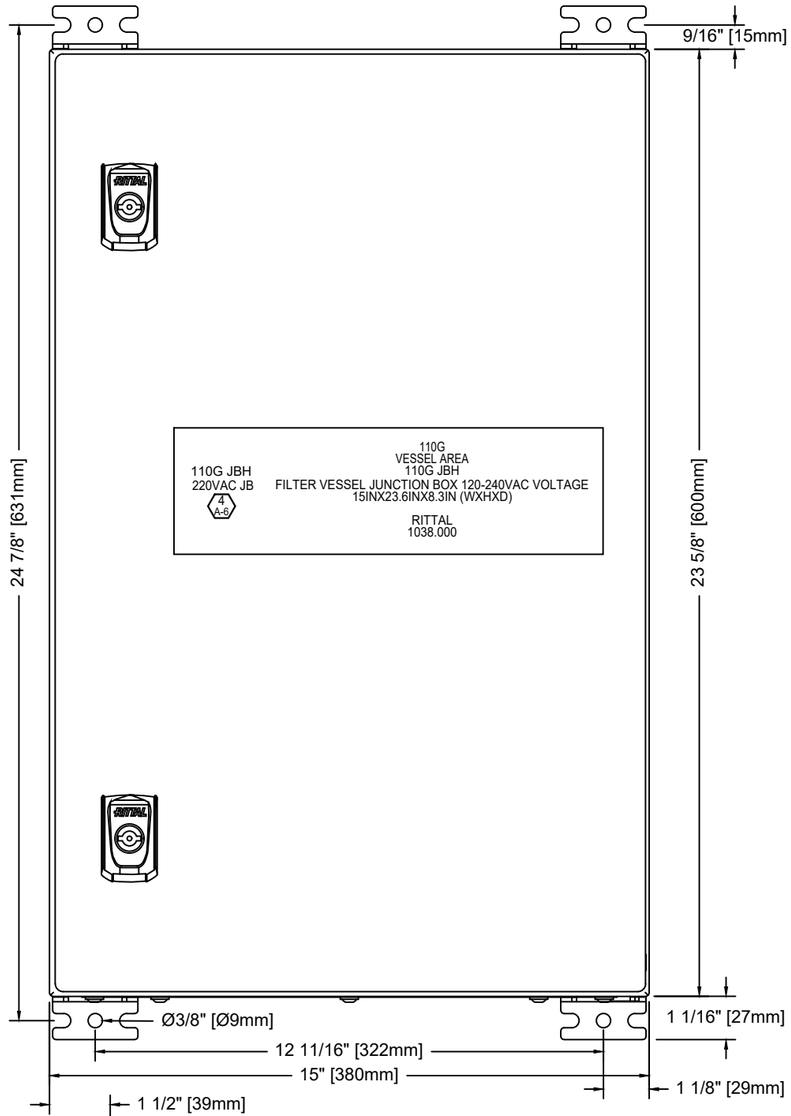
CITY OF BUCKEYE, ARIZONA, USA
CLIENT

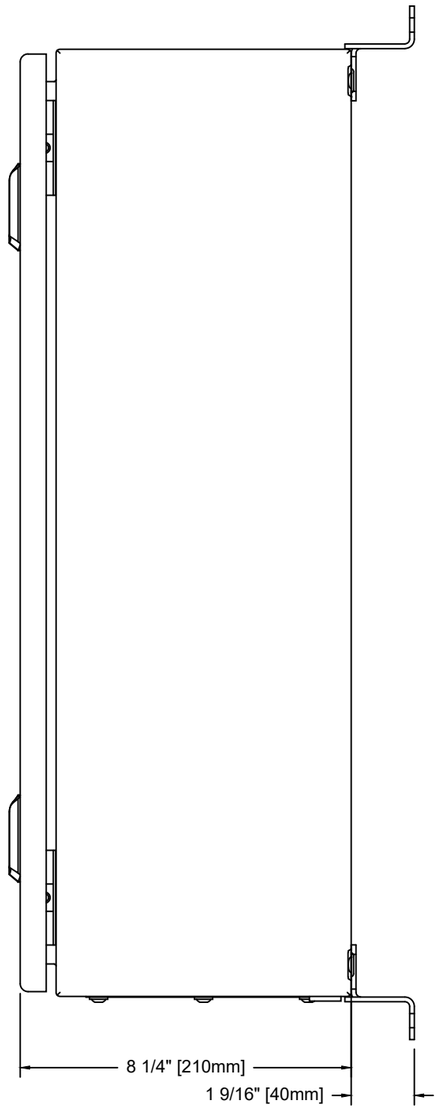
SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

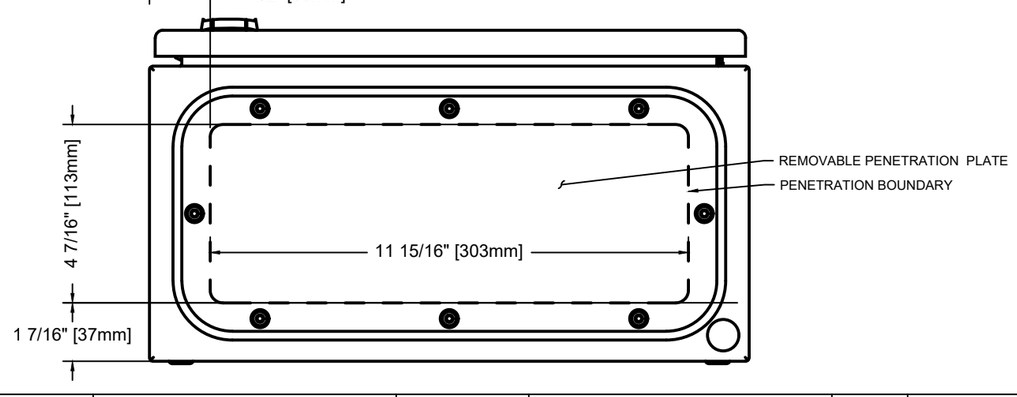
FILTER F

AIT 317F,FIT F1,PT F1,PT F2,PT F1 JB CONNECTIONS
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002







BILL OF MATERIALS - PANEL COMPONENTS

NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
100747	110G JBH	1	*1	1038.000	RITTAL	ENCLOSURE, WALL MOUNTED, UL-TYPE 1/3R/4/12/IP66,CARBON STEEL, 380mmX600mmX210mm/15inX23.6inX8.3in (WXHXD), QUARTER TURN LOCK, AX TYPE 1, 3R, 4, 12 WALL MOUNT ENCLOSURE
100380			*1	2503.020	RITTAL	ENCLOSURE,HARDWARE,MOUNTING,WALL,BRACKET,UL-TYPE 1/3R/4/12,ZINC PLATED,WALL OFFSET:1.57"[40mm].8.2MM (5/16") MOUNTING HOLE,4PCS,RITAL AX/KX CARBON UL TYPE-1/3R/4/12 BRACKET ENCLOSURE EXTERIOR MOUNTING HARDWARE

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ENGINEER

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

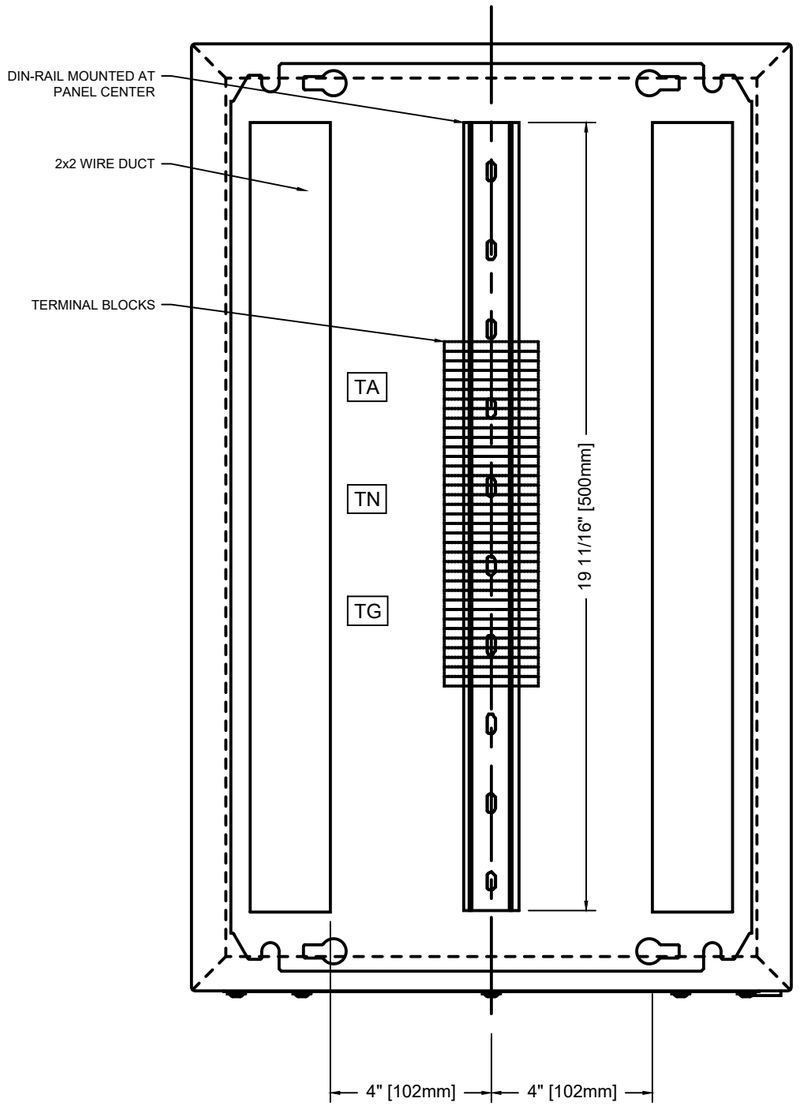
CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

110F JBH
EXTERNAL LAYOUT
PANEL BOM
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	12 OF 18
REVISION	B

INSTALLATION (U.N.O.)	110G	LOCATION (U.N.O.)	VESSEL AREA	SECTION	ELECTRICAL LAYOUT	SUB-SECTION	110G JBH	FILENAME	P23002-E100-EL005.dwg



BILL OF MATERIALS - SCHEMATIC COMPONENTS

NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
175926	TA TN	26		1492-J4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,[UL:#22-10AWG/35A CSA:#26-10AWG/25A]@600V AC/DC,GREY IEC FEED-THROUGH,DIN-RAIL,ONE-CIRCUIT,GREY UL/CSA: 35A/25A@600VAC/DC 9.0 lb-in (1.0 N-m) TERMINAL BLOCK
175927	TG	8		1492-JG4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,GROUNDING,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,UL/CSA: 22-10 AWG,GREY IEC FEED-THROUGH,DIN-RAIL,GROUNDING,GREY UL/CSA: GROUNDING 9.0 lb-in (1.0 N-m) TERMINAL BLOCK

TA

110G JBH: TN				
Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-G.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-G.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-G.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-G.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-G.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
FCV-G.021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
G.0021	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
G.0201	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □

TN

110G JBH: TA				
Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-G.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V1-G.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V1-G.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-G.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-G.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-G.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-G.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V2-G.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V3-G.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-G.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-G.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V4-G.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-G.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-G.041	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
V5-G.051	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
FCV-G.031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
G.0031	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □
G.0211	ALLEN BRADLEY	1492-J4	○ ○ ○	□ □ □

TG

110G JBH: TG				
Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-G.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V2-G.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V3-G.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V4-G.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
V5-G.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
FCV-G.011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
G.0011	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □
G.0191	ALLEN BRADLEY	1492-JG4	○ ○ ○	□ □ □

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HILGARTWILSON
ENGINEER | PLAN | SURVEY | MANAGE

HILGARTWILSON, LLC
PHOENIX, ARIZONA, USA

ENGINEER

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CONTRACTOR

REVISIONS		
DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA

CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION

PROJECT

110G JBH

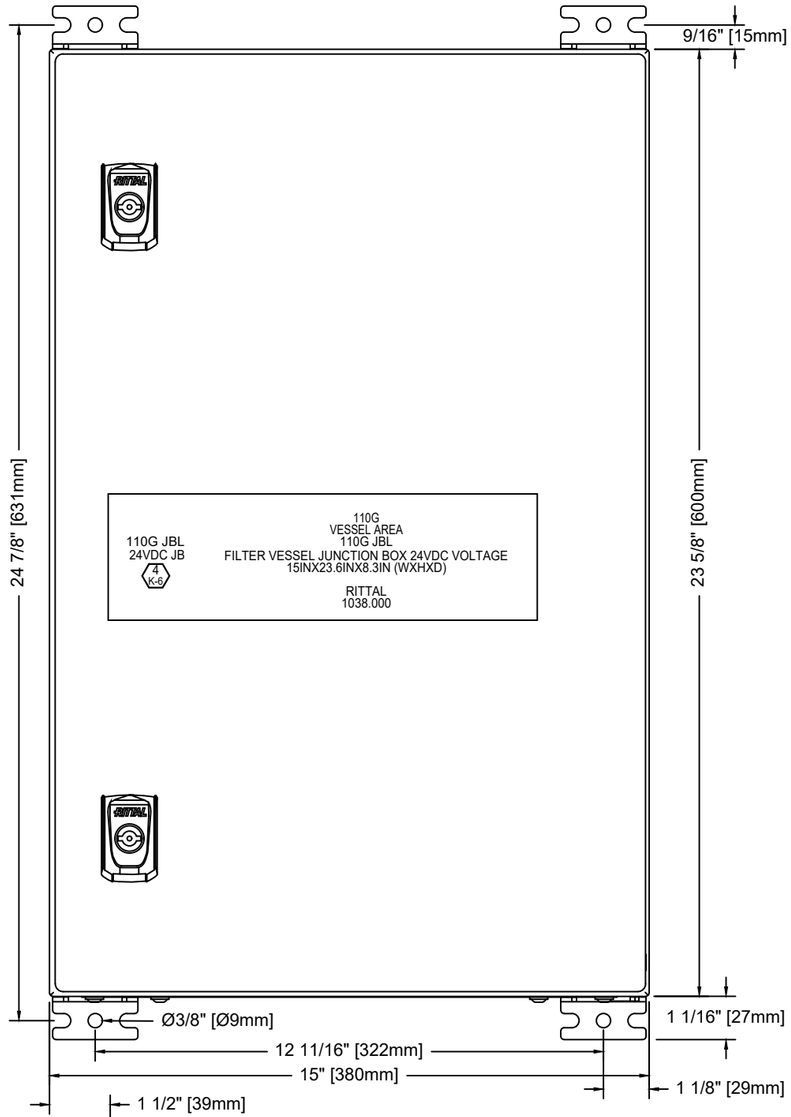
INTERNAL LAYOUT

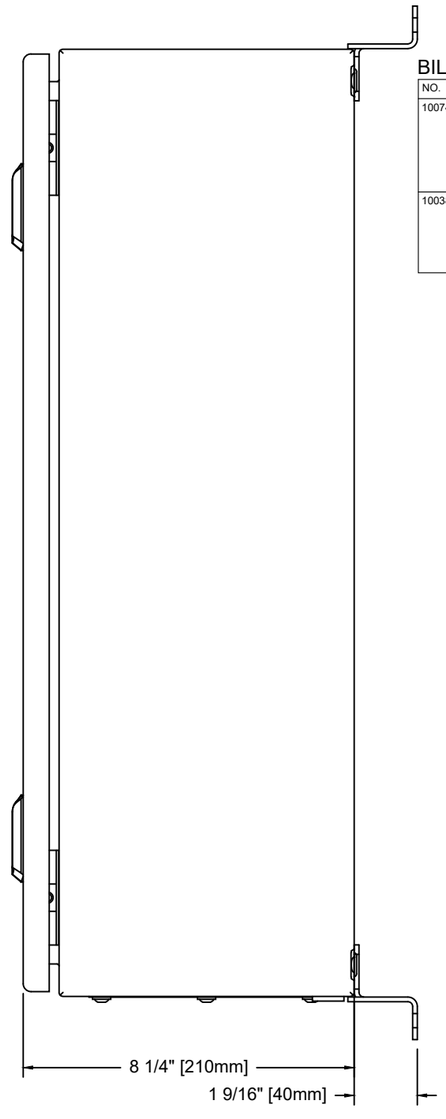
SCHEMATIC BOM

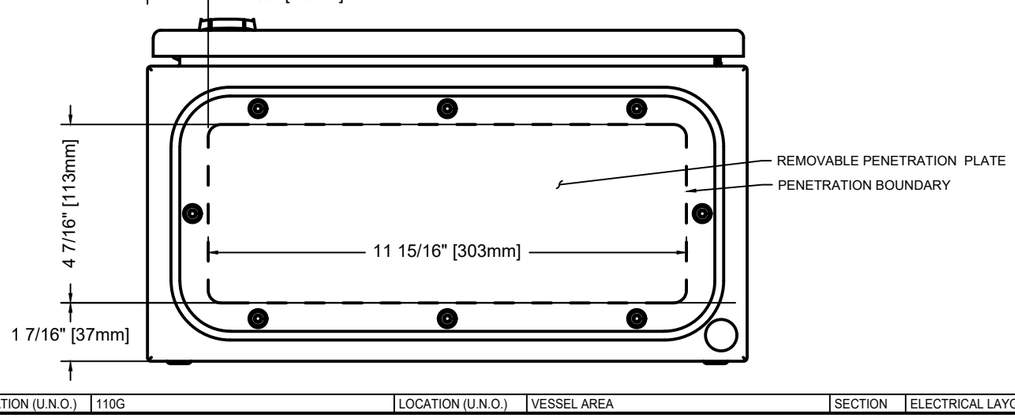
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	13 OF 18
REVISION	B

INSTALLATION (U.N.O.)	110G	LOCATION (U.N.O.)	VESSEL AREA	SECTION	ELECTRICAL LAYOUT	SUB-SECTION	110G JBH	FILENAME	P23002-E100-EL006.dwg







BILL OF MATERIALS - PANEL COMPONENTS

NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
100747	110G JBL	1	*1	1038.000	RITTAL	ENCLOSURE, WALL MOUNTED, UL-TYPE 1/3R/4/12/IP66,CARBON STEEL, 380mmX600mmX210mm/15inX23.6inX8.3in (WXHXD), QUARTER TURN LOCK, AX TYPE 1, 3R, 4, 12 WALL MOUNT ENCLOSURE
100380			*1	2503.020	RITTAL	ENCLOSURE,HARDWARE,MOUNTING,WALL,BRACKET,UL-TYPE 1/3R/4/12,ZINC PLATED,WALL OFFSET:1.57"[40mm].8.2MM (5/16") MOUNTING HOLE,4PCS,RITAL AX/KX CARBON UL TYPE-1/3R/4/12 BRACKET ENCLOSURE EXTERIOR MOUNTING HARDWARE

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ENGINEER

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

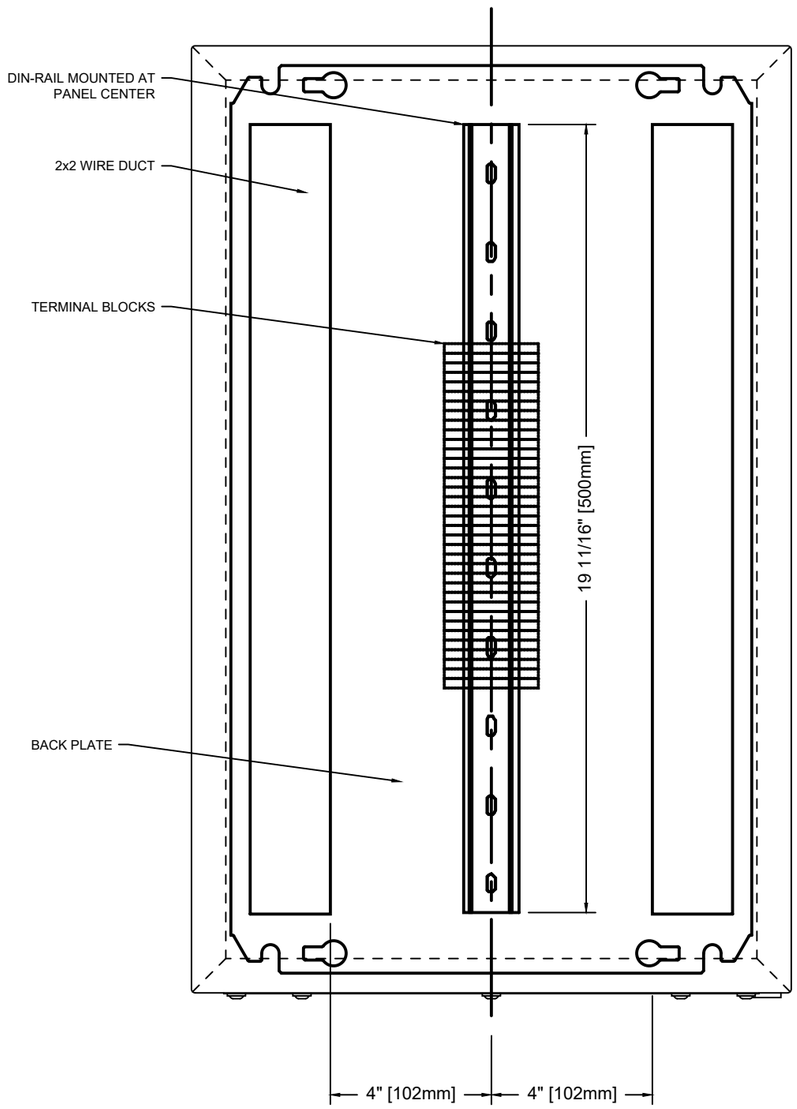
CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

110G JBL
EXTERNAL LAYOUT
PANEL BOM
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	14 OF 18
REVISION	**B**

INSTALLATION (U.N.O.)	110G	LOCATION (U.N.O.)	VESSEL AREA	SECTION	ELECTRICAL LAYOUT	SUB-SECTION	110G JBL	FILENAME	P23002-E100-EL007.dwg



NO.	TAGS	QTY	SUB	CATALOG	MFG	DESCRIPTION
175926	T1 T2 T3	48		1492-J4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,[UL:#22-10AWG/35A CSA:#26-10AWG/25A]@600V AC/DC,GREY IEC FEED-THROUGH,DIN-RAIL,ONE-CIRCUIT,GREY UL/CSA: 35A/25A@600VAC/DC 9.0 lb-in (1.0 N-m) TERMINAL BLOCK
175927	T3	6		1492-JG4	ALLEN BRADLEY	TERMINAL BLOCK,IEC,DIN-RAIL,GROUNDING,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,UL/CSA: 22-10 AWG,GREY IEC FEED-THROUGH,DIN-RAIL,GROUNDING,GREY UL/CSA: GROUNDING 9.0 lb-in (1.0 N-m) TERMINAL BLOCK

T1

110G JBL: T1

Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-G.061	ALLEN BRADLEY	1492-J4		
V1-G.081	ALLEN BRADLEY	1492-J4		
V1-G.101	ALLEN BRADLEY	1492-J4		
V2-G.061	ALLEN BRADLEY	1492-J4		
V2-G.081	ALLEN BRADLEY	1492-J4		
V2-G.101	ALLEN BRADLEY	1492-J4		
V3-G.061	ALLEN BRADLEY	1492-J4		
V3-G.081	ALLEN BRADLEY	1492-J4		
V3-G.101	ALLEN BRADLEY	1492-J4		
V4-G.061	ALLEN BRADLEY	1492-J4		
V4-G.081	ALLEN BRADLEY	1492-J4		
V4-G.101	ALLEN BRADLEY	1492-J4		
V5-G.061	ALLEN BRADLEY	1492-J4		
V5-G.081	ALLEN BRADLEY	1492-J4		
V5-G.101	ALLEN BRADLEY	1492-J4		
FCV-G.061	ALLEN BRADLEY	1492-J4		
FCV-G.081	ALLEN BRADLEY	1492-J4		
FCV-G.101	ALLEN BRADLEY	1492-J4		

T2

110G JBL: T2

Number	Manufacturer	Catalog	Jumper	Jumper-Internal
V1-G.071	ALLEN BRADLEY	1492-J4		
V1-G.091	ALLEN BRADLEY	1492-J4		
V1-G.111	ALLEN BRADLEY	1492-J4		
V2-G.071	ALLEN BRADLEY	1492-J4		
V2-G.091	ALLEN BRADLEY	1492-J4		
V2-G.111	ALLEN BRADLEY	1492-J4		
V3-G.071	ALLEN BRADLEY	1492-J4		
V3-G.091	ALLEN BRADLEY	1492-J4		
V3-G.111	ALLEN BRADLEY	1492-J4		
V4-G.071	ALLEN BRADLEY	1492-J4		
V4-G.091	ALLEN BRADLEY	1492-J4		
V4-G.111	ALLEN BRADLEY	1492-J4		
V5-G.071	ALLEN BRADLEY	1492-J4		
V5-G.091	ALLEN BRADLEY	1492-J4		
V5-G.111	ALLEN BRADLEY	1492-J4		
FCV-G.071	ALLEN BRADLEY	1492-J4		
FCV-G.091	ALLEN BRADLEY	1492-J4		
FCV-G.111	ALLEN BRADLEY	1492-J4		

T3

110G JBL: T3

Number	Manufacturer	Catalog	Jumper	Jumper-Internal
FCV-G.121	ALLEN BRADLEY	1492-J4		
FCV-G.131	ALLEN BRADLEY	1492-J4		
FCV-G.132	ALLEN BRADLEY	1492-JG4		
FCV-G.151	ALLEN BRADLEY	1492-J4		
FCV-G.161	ALLEN BRADLEY	1492-J4		
FCV-G.162	ALLEN BRADLEY	1492-JG4		
G.0041	ALLEN BRADLEY	1492-J4		
G.0051	ALLEN BRADLEY	1492-J4		
G.0052	ALLEN BRADLEY	1492-JG4		
G.0221	ALLEN BRADLEY	1492-J4		
G.0231	ALLEN BRADLEY	1492-J4		
G.0232	ALLEN BRADLEY	1492-JG4		
G.0251	ALLEN BRADLEY	1492-J4		
G.0261	ALLEN BRADLEY	1492-J4		
G.0262	ALLEN BRADLEY	1492-JG4		
G.0281	ALLEN BRADLEY	1492-J4		
G.0291	ALLEN BRADLEY	1492-J4		
G.0292	ALLEN BRADLEY	1492-JG4		

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HILGARTWILSON, LLC
PHOENIX, ARIZONA, USA

ENGINEER

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA

CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION

PROJECT

110G JBL

INTERNAL LAYOUT

SCHEMATIC BOM

TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	15 OF 18
REVISION	B

INSTALLATION (U.N.O.)	110G	LOCATION (U.N.O.)	VESSEL AREA	SECTION	ELECTRICAL LAYOUT	SUB-SECTION	110G JBL	FILENAME	P23002-E100-EL008.dwg

ELECTRICAL FUNCTION

	A	N	G	1	2	E
	110/240VAC 1-PHASE POWER	110/240VAC 1-PHASE NEUTRAL	GROUNDING POINT	DIGITAL SENSING POWERCOMMON	DIGITAL SENSING FEEDBACK	EQUIPMENT CONNECTIONS

=110G+110G JBH

16 - V1-G.00						
16 - V1-G.01		V1-G.011 TG			V1-G.011	PE — ACTUATOR POWER PE
16 - V1-G.02		V1-G.021 TN			V1-G.021	1 — ACTUATOR POWER NEUTRAL
16 - V1-G.03	V1-G.031 TA				V1-G.031	3 — ACTUATOR POWER OPEN
16 - V1-G.04	V1-G.041 TA				V1-G.041	4 — ACTUATOR POWER CLOSE
16 - V1-G.05	V1-G.051 TA				V1-G.051	7 — ACTUATOR POWER HEATER

=110G+110G JBL

16 - V1-G.06				V1-G.061 T1	V1-G.061	A — ACTUATOR SIGNAL OPEN COMMON
16 - V1-G.07					V1-G.071 T2	V1-G.071	C — ACTUATOR SIGNAL OPEN FEEDBACK
16 - V1-G.08				V1-G.081 T1	V1-G.081	D — ACTUATOR SIGNAL CLOSE COMMON
16 - V1-G.09					V1-G.091 T2	V1-G.091	F — ACTUATOR SIGNAL CLOSE FEEDBACK
16 - V1-G.10				V1-G.101 T1	V1-G.101	ACTUATOR SIGNAL REMOTE COMMON
16 - V1-G.11					V1-G.111 T2	V1-G.111	ACTUATOR SIGNAL REMOTE FEEDBACK
16 - V1-G.12						
16 - V1-G.13						
16 - V1-G.14						
16 - V1-G.15						
16 - V1-G.16						
16 - V1-G.17						

=110G+V1-G

4-B-7 VALVE

=110G+V2-G

4-C-7 VALVE

16 - V2-G.00						
16 - V2-G.01		V2-G.011 TG			V2-G.011	PE — ACTUATOR POWER PE
16 - V2-G.02		V2-G.021 TN			V2-G.021	1 — ACTUATOR POWER NEUTRAL
16 - V2-G.03	V2-G.031 TA				V2-G.031	3 — ACTUATOR POWER OPEN
16 - V2-G.04	V2-G.041 TA				V2-G.041	4 — ACTUATOR POWER CLOSE
16 - V2-G.05	V2-G.051 TA				V2-G.051	7 — ACTUATOR POWER HEATER

=110G+110G JBH

=110G+110G JBL

16 - V2-G.06				V2-G.061 T1	V2-G.061	A — ACTUATOR SIGNAL OPEN COMMON
16 - V2-G.07					V2-G.071 T2	V2-G.071	C — ACTUATOR SIGNAL OPEN FEEDBACK
16 - V2-G.08				V2-G.081 T1	V2-G.081	D — ACTUATOR SIGNAL CLOSE COMMON
16 - V2-G.09					V2-G.091 T2	V2-G.091	F — ACTUATOR SIGNAL CLOSE FEEDBACK
16 - V2-G.10				V2-G.101 T1	V2-G.101	ACTUATOR SIGNAL REMOTE COMMON
16 - V2-G.11					V2-G.111 T2	V2-G.111	ACTUATOR SIGNAL REMOTE FEEDBACK
16 - V2-G.12						
16 - V2-G.13						
16 - V2-G.14						
16 - V2-G.15						
16 - V2-G.16						
16 - V2-G.17						

=110G+V3-G

4-D-7 VALVE

16 - V3-G.00						
16 - V3-G.01		V3-G.011 TG			V3-G.011	PE — ACTUATOR POWER PE
16 - V3-G.02		V3-G.021 TN			V3-G.021	1 — ACTUATOR POWER NEUTRAL
16 - V3-G.03	V3-G.031 TA				V3-G.031	3 — ACTUATOR POWER OPEN
16 - V3-G.04	V3-G.041 TA				V3-G.041	4 — ACTUATOR POWER CLOSE
16 - V3-G.05	V3-G.051 TA				V3-G.051	7 — ACTUATOR POWER HEATER

=110G+110G JBH

=110G+110G JBL

16 - V3-G.06				V3-G.061 T1	V3-G.061	A — ACTUATOR SIGNAL OPEN COMMON
16 - V3-G.07					V3-G.071 T2	V3-G.071	C — ACTUATOR SIGNAL OPEN FEEDBACK
16 - V3-G.08				V3-G.081 T1	V3-G.081	D — ACTUATOR SIGNAL CLOSE COMMON
16 - V3-G.09					V3-G.091 T2	V3-G.091	F — ACTUATOR SIGNAL CLOSE FEEDBACK
16 - V3-G.10				V3-G.101 T1	V3-G.101	ACTUATOR SIGNAL REMOTE COMMON
16 - V3-G.11					V3-G.111 T2	V3-G.111	ACTUATOR SIGNAL REMOTE FEEDBACK
16 - V3-G.12						
16 - V3-G.13						
16 - V3-G.14						
16 - V3-G.15						
16 - V3-G.16						
16 - V3-G.17						

INSTALLATION (U.N.O.)	110G	LOCATION (U.N.O.)	VALVE NEST	SECTION	ELETRICAL CONTROL	SUB-SECTION	V1-G,V2-G,V3-G	FILENAME	P23002-E100-EC004.dwg

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HILGARTWILSON, LLC
PHOENIX, ARIZONA, USA
ENGINEER

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CONTRACTOR

REVISIONS

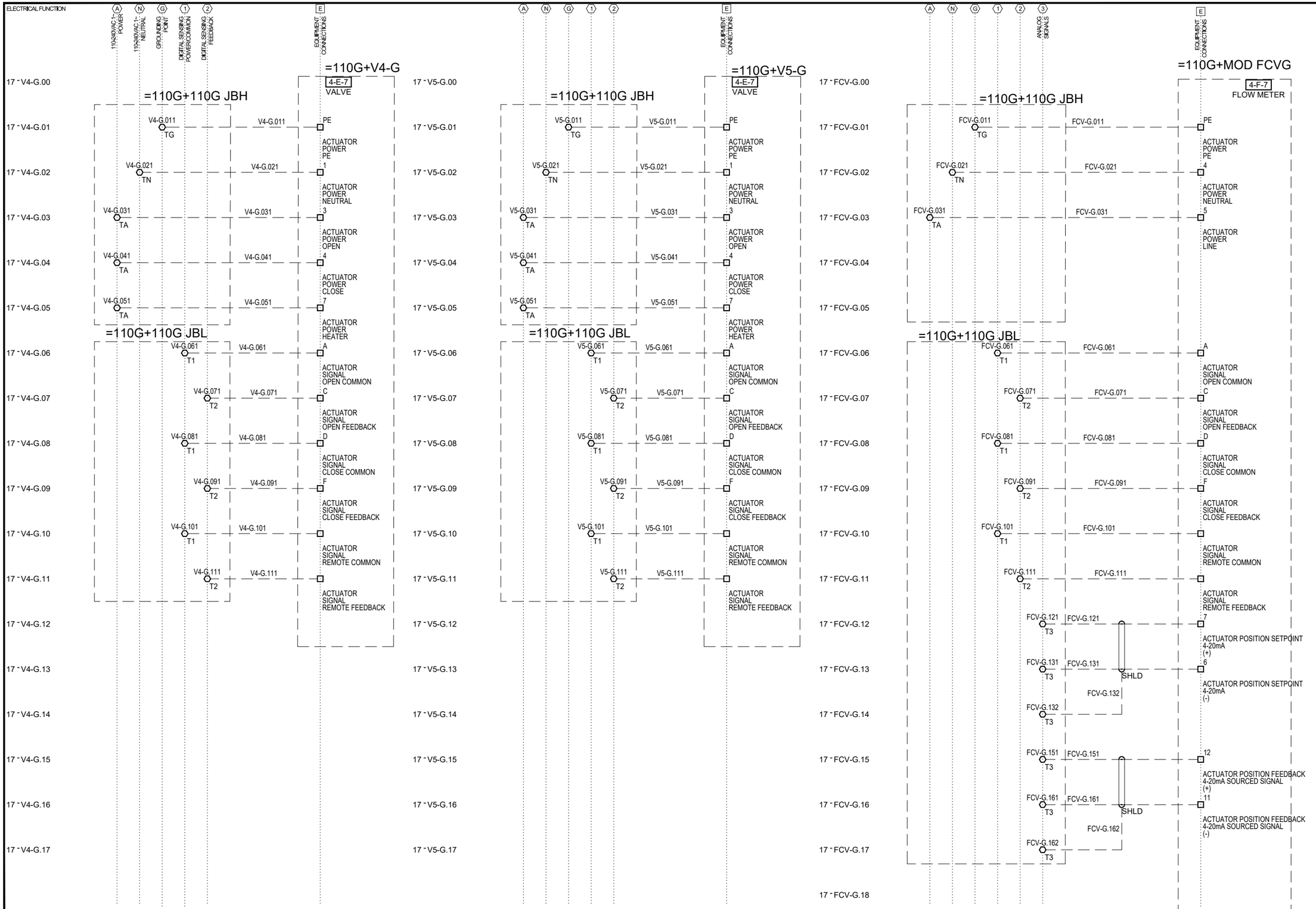
DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

FILTER G
VALVES 1-3
JB CONNECTIONS
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	16 OF 18
REVISION	**B**



INSTALLATION (U.N.O.)	110G	LOCATION (U.N.O.)	VALVE NEST	SECTION	ELETRICAL CONTROL	SUB-SECTION	V4-G,V5-G,MOD FCV-G	FILENAME	P23002-E100-EC005.dwg

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PHOENIX, ARIZONA, USA
ENGINEER

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CONTRACTOR

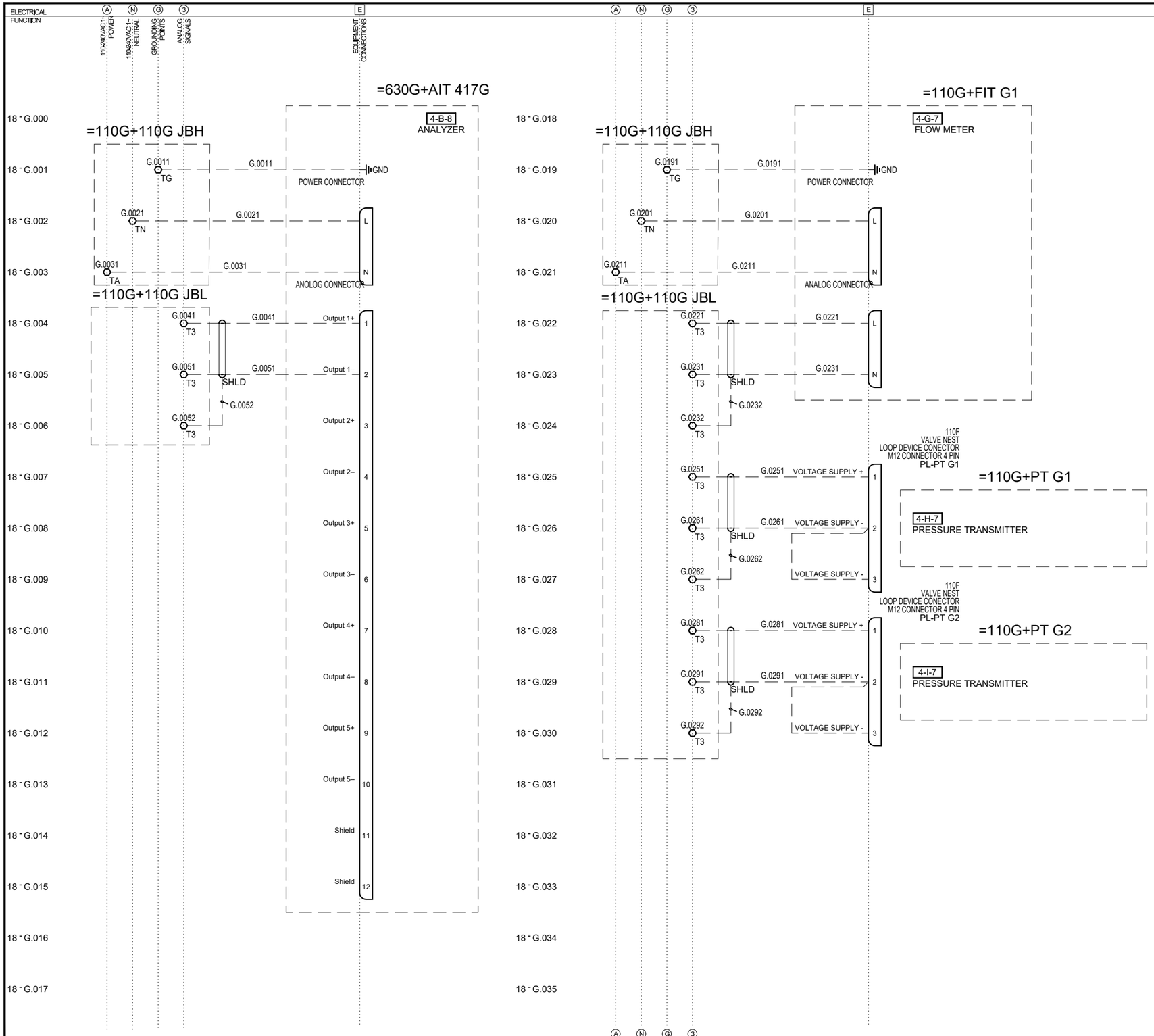
REVISIONS		
DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

FILTER G
VALVES 4-5,MOD FCV-G
JB CONNECTIONS
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002
SHEET	17 OF 18
REVISION	**B**



INSTALLATION (U.N.O.)	110G	LOCATION (U.N.O.)	VALVE NEST	SECTION	ELETRICAL CONTROL	SUB-SECTION	AIT 417G,FIT G1,PT G2,PT G1	FILENAME	P23002-E100-EC006.dwg	SHEET	18 OF 18	REVISION	B

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HILGARTWILSON, LLC
PHOENIX, ARIZONA, USA
ENGINEER

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CONTRACTOR

REVISIONS

DESCRIPTION	DATE	APP
A	4/26/23	JR
B	5/16/23	JR

CITY OF BUCKEYE, ARIZONA, USA
CLIENT

SUNDANCE WATER TREATMENT PLANT EXPANSION
PROJECT

FILTER G

AIT 317G,FIT G1,PT G1,PT G2
JB CONNECTIONS
TITLE

DRAWN BY	JAASIEL R
CHECKED BY	JAASIEL R
APPROVED BY	
DATE	05-16-2023
DRAWING NO.	**E100**
'B' SIZE SCALE	
JOB NO.	P23002

SECTION B

EQUIPMENT DATASHEETS

SECTION B
DATASHEET INDEX

CLIENT: CITY OF BUCKEYE, AZ, USA

PROJECT: SUNDANCE WATER TREATMENT PLANT EXPANSION JOB NO.: P23002

EQUIPMENT COVER SHEET

CLIENT: CITY OF BUCKEYE, AZ, USA **PF JOB NO.:** P23002

PROJECT NAME: SUNDANCE WATER TREATMENT PLANT EXPANSION

PROJECT DESCRIPTION: 2,000 GPM ARSENIC TREATMENT SYSTEM

PROJECT LOCATION: 22900 W. YUMA RD BUCKEYE, AZ 85326

CONSULTING ENGINEER: HILGARTWILSON LLC, PHOENIX, AZ, USA

CONTRACTOR: TBD

EQUIPMENT SUMMARY

MANUFACTURER: ALLEN BRADLEY

EQUIPMENT TYPE:

SUB-SYSTEM: FILTER SYSTEM

ITEM	QTY	PUREFLOW PART #	MANUFACTURER PART #	DESCRIPTION
1	LOT	175926	1492-J4	TERMINAL BLOCK,IEC,DIN-RAIL,FEED-THROUGH,ONE-CIRCTUIT, 6.1mm WIDE,[UL:#22-10AWG/35A CSA:#26-10AWG/25A]@600V AC/DC,GREY IEC FEED-THROUGH,DIN-RAIL,ONE-CIRCUIT,GREY UL/CSA: 35A/25A@600VAC/DC 9.0 lb-in (1.0 N-m)
1	LOT	175927	1492-JG4	TERMINAL BLOCK,IEC,DIN-RAIL,GROUNDING,FEED-THROUGH,ONE-CIRCUIT,6.1mm WIDE,UL/CSA: 22-10 AWG,GREY IEC FEED-THROUGH,DIN-RAIL,ONE-CIRCUIT GROUNDING,GREY UL/CSA: GROUNDING 9.0 lb-in (1.0 N-m)

Allen-Bradley

Terminal Block Specifications

Bulletin Number 1492

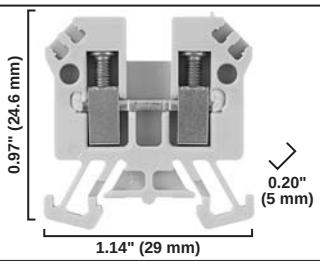
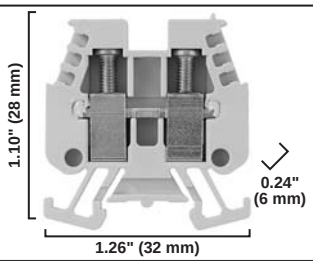
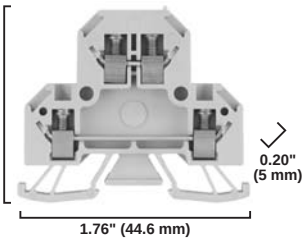
Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

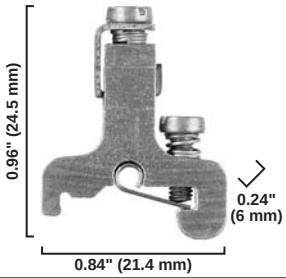
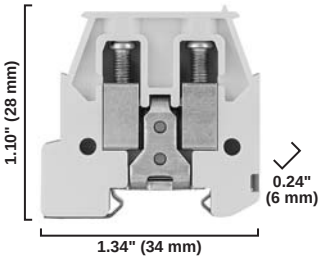
Resource	Description
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at http://www.rockwellautomation.com/literature/. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

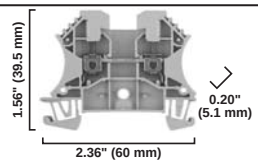
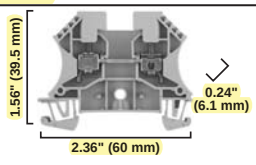
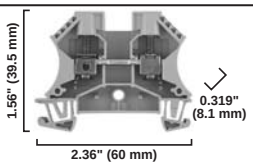
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

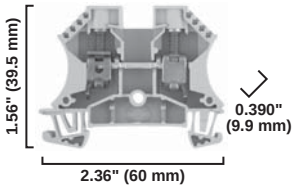
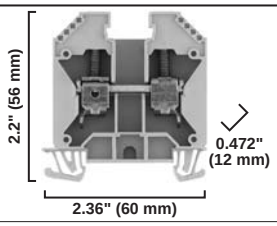
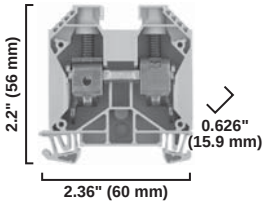
	1492-WM3				1492-WM4				1492-WMD1		
											
Specifications	*Single-circuit mini terminal block.*				*Single-circuit mini terminal block.*				*Two-circuit mini terminal block.*		
Certifications		**IEC**	**CSA**	**ATEX**		**IEC**	**CSA**	**ATEX**		**CSA**	**IEC**
Voltage Rating	300V AC/DC	500V AC/DC	300V AC/DC	420V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	420V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	15 A	24 A	15 A	24 A	20 A	32 A	20 A	32 A	15 A	15 A	17.5 A
Wire Range (Rated Cross Section)	#30…14 AWG	0.5…2.5 mm^2	#22…14 AWG	2.5 mm^2	#22…12 AWG	0.5…4.0 mm^2	#22…12 AWG	4.0 mm^2	#22…16 AWG		0.5…1.5 mm^2
Wire Strip Length	0.24 in. (6 mm)				0.39 in. (10 mm)				0.35 in. (9 mm)		
Recommended Tightening Torque	4.2…4.6 lb•in (0.47....0.52 N•m)				4.7…6.2 lb•in (0.53...0.70 N•m)				4.2…4.6 lb•in (0.47....0.52 N•m)		
Density	61 pcs/ft (200/m)				50 pcs/ft (166/m)				61 pcs/ft (200/m)		
Housing Temperature Range	-40…+195 °F (-40…+90 °C)				-40…+195 °F (-40…+90 °C)				-40…+195 °F (-40…+90 °C)		

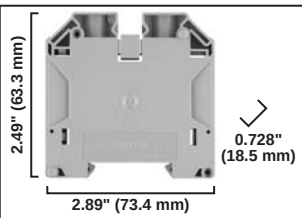
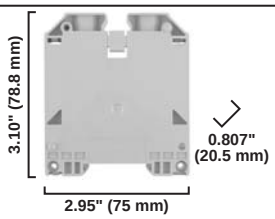
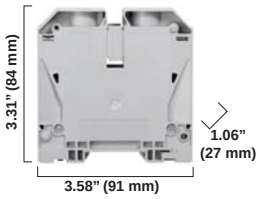
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

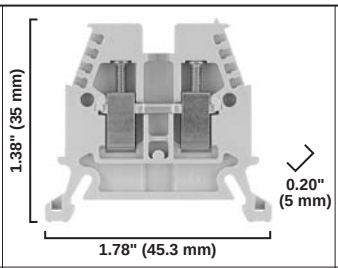
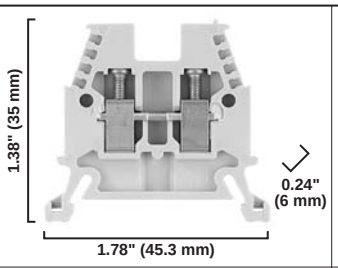
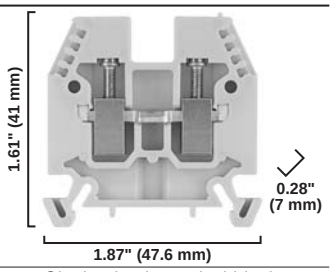
	1492-WMG3		1492-WMG4		
					
Specifications	*Single-circuit mini grounding terminal block.*		*Single-circuit mini grounding terminal block.*		
Certifications	**IEC**				**IEC**
Maximum Current	Grounding		Grounding		
Wire Range (Rated Cross Section)	#14 AWG (2.5 mm^2)		#22…12 AWG		0.5…4.0 mm^2
Wire Strip Length	0.31 in. (8 mm)		0.39 in. (10 mm)		
Recommended Tightening Torque	6.2 lb•in (0.7 N•m)		5.3 lb•in (0.6 N•m)		
Density	50 pcs/ft (166 pcs/m)		50 pcs/ft (166 pcs/m)		
Housing Temperature Range	—		-40…+195 °F (-40…+90 °C)		

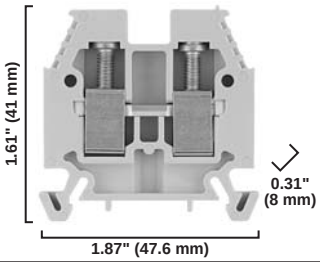
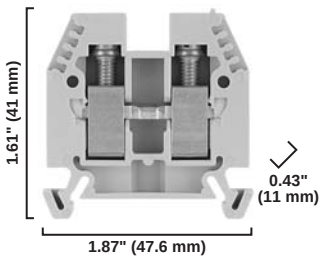
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

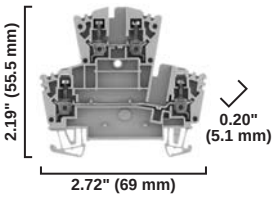
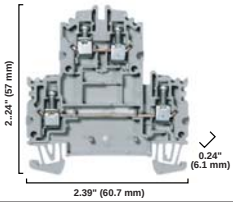
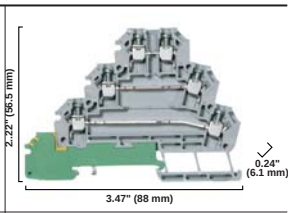
	1492-J3				1492-J4				1492-J6			
												
Specifications	*Feed-through terminal block*				*Feed-through terminal block*				*Feed-through terminal block*			
Certifications		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	690V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	25 A	20 A	24 A	21 A	35 A	25 A	32 A	28 A	50 A		41 A	36 A
Wire Range (Rated Cross Section)	#28…12 AWG	#26…12 AWG	2.5 mm^2	2.5 mm^2 (#20…14 AWG)	#22…10 AWG	#26…10 AWG	4 mm^2	4 mm^2 (#20…12 AWG)	#22…8 AWG		6 mm^2	6 mm^2 (#20…10 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.47 in. (12 mm)			
Recommended Tightening Torque	4.5…7.1 lb•in (0.5…0.8 N•m)				9.0 lb•in (1.0 N•m)				14.2 lb•in (1.6 N•m)			
Density	59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)				37 pcs/ft (123 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

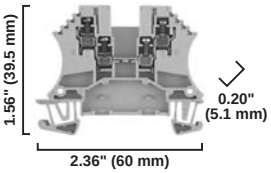
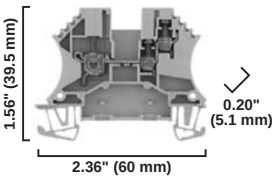
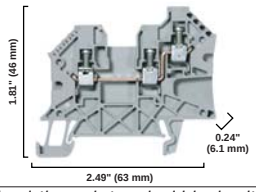
	1492-J10				1492-J16				1492-J35			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through terminal block*				*Feed-through terminal block*				*Feed-through terminal block*			
Certifications	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX
Voltage Rating	600V AC/DC		1000V AC/DC	550V AC/DC	600V AC/DC		1000V AC/DC	690V AC/DC	1000V AC/DC	600V AC/DC	1000V AC/DC	690V AC/DC
Maximum Current	65 A	50 A	57 A	50 A	85 A		76 A	66 A	150 A	120 A	125 A	109 A
Wire Range (Rated Cross Section)	#18…6 AWG		10 mm^2	10 mm^2 (#16…8 AWG)	#18…4 AWG		16 mm^2	16 mm^2 (#16…6 AWG)	#12…1/0 AWG	#12…2 AWG	35 mm^2	35 mm^2 (#14…2 AWG)
Wire Strip Length	0.47 in. (12 mm)				0.63 in. (16 mm)				0.70 in. (18 mm)			
Recommended Tightening Torque	20.4 lb•in (2.3 N•m)				35.0 lb•in (4.0 N•m)				51.0 lb•in (5.8 N•m)			
Density	30 pcs/ft (100 pcs/m)				25 pcs/ft (83 pcs/m)				19 pcs/ft (62 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

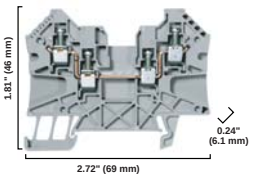
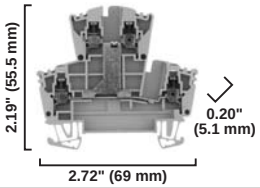
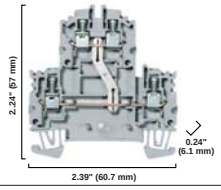
	1492-J50				1492-J70				1492-J120		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-through terminal block*				*Feed-through terminal block*				*Feed-through terminal block*		
Certifications	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX	cULus	CSA	IEC
Voltage Rating	1000V AC/DC	600V AC/DC	1000V AC/DC	690V AC/DC	600V AC/DC		1000V AC/DC	690V AC/DC	1000V AC/DC		
Maximum Current	150 A		150 A	126 A	175 A	205 A	192 A	167 A	228 A	220 A	269 A
Wire Range (Rated Cross Section)	#10…1/0 AWG	#8…1/0 AWG	50 mm^2	#10…1/0 AWG 50 mm^2	#6…2/0 AWG		70 mm^2	#8…2/0 AWG 70 mm^2	#4…250 MCM AWG	#4…4/0 AWG	16…120 mm^2
Wire Strip Length	0.94 in. (24 mm)				0.87 in. (22 mm)				1.06 in. (27 mm)		
Recommended Tightening Torque	31.5 lb•in (3.6 N•m)				87.0 lb•in (9.8 N•m)				141.6 lb•in (16.0 N•m)		
Density	16 pcs/ft (54 pcs/m)				14 pcs/ft (48 pcs/m)				11 pcs/ft (37 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58...+248 °F (-50...+120 °C)		

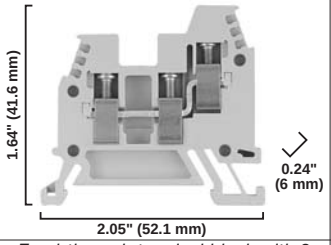
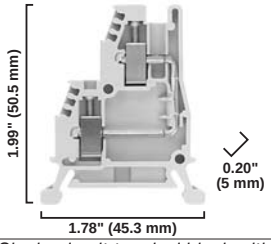
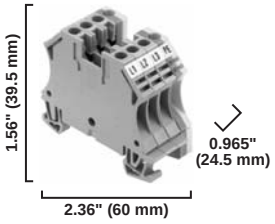
	1492-W3				1492-W4				1492-W6		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Single-circuit terminal block.*				*Single-circuit terminal block.*				*Single-circuit terminal block.*		
Certifications		**IEC**	**CSA**	**ATEX**		**IEC**	**CSA**	**ATEX**		**IEC**	**CSA**
Voltage Rating	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC
Maximum Current	20 A	24 A	20 A	24 A	30 A	32 A	30 A	32 A	40 A	41 A	40 A
Wire Range (Rated Cross Section)	#30…14 AWG	0.5…2.5 mm^2	#22…14 AWG	2.5 mm^2	#22…10 AWG	0.5…4.0 mm^2	#22…10 AWG	4.0 mm^2	#22…10 AWG	0.5…6.0 mm^2	#22…10 AWG
Wire Strip Length	0.39 in. (10 mm)				0.35 in. (9 mm)				0.47 in. (12 mm)		
Recommended Tightening Torque	5.0…5.6 lb•in (0.6 N•m)				5.0…5.6 lb•in (0.6 N•m)				5.6…6.8 lb•in (0.7 N•m)		
Density	61 pcs/ft (200 pcs/m)				50 pcs/ft (166 pcs/m)				43 pcs/ft (142 pcs/m)		
Housing Temperature Range	-40…+195 °F (-40…+90 °C)				-40…+195 °F (-40…+90 °C)				-40…+195 °F (-40…+90 °C)		

	1492-W10				1492-W16S			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.								
Specifications	*Single-circuit terminal block.*				*Single-circuit terminal block.*			
Certifications		**IEC**	**CSA**	**ATEX**		**IEC**	**CSA**	**ATEX**
Voltage Rating	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC
Maximum Current	50 A	57 A	50 A	50 A	85 A	76 A	85 A	76 A
Wire Range (Rated Cross Section)	#22…8 AWG	10 mm^2	#22…8 AWG	0.5…10 mm^2	#14…4 AWG	16 mm^2	#14…4 AWG	2.5…16 mm^2
Wire Strip Length	0.51 in. (13 mm)				0.51 in. (13 mm)			
Recommended Tightening Torque	12.2…13.4 lb•in (1.4 N•m)				18…20 lb•in (2.1 N•m)			
Density	38 pcs/ft (125 pcs/m)				27 pcs/ft (90 pcs/m)			
Housing Temperature Range	-40…+195 °F (-40…+90 °C)				-40…+195 °F (-40…+90 °C)			

	1492-JD3				1492-JD4				1492-JT3M		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Two-level, two-circuit feed-through terminal block*				*Two-level, two-circuit feed-through terminal block*				*Three-level, three-circuit terminal block with ground point*		
Certifications	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX	cULus	CSA	IEC
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC	275V AC/DC	600V AC/DC	300V AC/DC	800V AC/DC	550V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	20 A	10 A	24 A	21 A	35 A	30 A	32 A	28 A	10 A		24 A
Wire Range (Rated Cross Section)	#22…12 AWG	26…12 AWG	2.5 mm^2	2.5 mm^2 (20…14 AWG)	#26…10 AWG		0.5…4 mm^2	4 mm^2 (20…12 AWG)	#22…12 AWG	#26…10 AWG	0.5…2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)				0.315 in. (8 mm)				0.28 in. (7 mm)		
Recommended Tightening Torque	4.5…7.1 lb•in (0.5…0.8 N•m)				4.5 lb•in (0.5 N•m)				4.4 lb•in (0.5 N•m)		
Density	59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)		

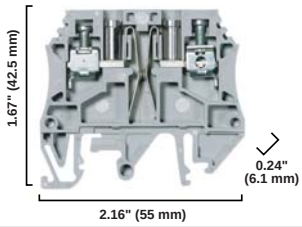
		1492-J2Q			1492-J3TW				1492-J4TW		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications		*Feed-through terminal block with 2 connection points on each side*			*Feed-through terminal block with 3 connection points, 2 on one side*				*Feed-through terminal block with 3 connection points, 2 on one side*		
Certifications		cULus	CSA	IEC	cULus	CSA	IEC	ATEX	cULus	CSA	IEC
Voltage Rating		300V AC/DC		800V AC/DC	300V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		500V AC/DC
Maximum Current		25 A	10 A	17.5 A	—				30 A		32 A
Maximum Current	Single Side	—			10 A	15 A	17.5 A	15 A	—	—	—
	Twin Side	—			20 A		24 A	21 A	—	—	—
Wire Range (Rated Cross Section)	Single Side	#22…12 AWG	#26…12 AWG	1.5 mm^2	#22…12 AWG	26…12 AWG	2.5 mm^2	2.5 mm^2 (#20…14 AWG)	#30…10 AWG		4 mm^2
	Twin Side	—			#22…12 AWG	26…12 AWG	1.5 mm^2	1.5 mm^2 (#20…16 AWG)			
Wire Strip Length		0.28 in. (7 mm)			Single Side: 0.39 in. (10 mm) Twin Side: 0.26 in. (7 mm)				0.39 in. (10 mm)		
Recommended Tightening Torque		4.5 lb•in (0.5 N•m)			Single Side: 7.0 lb•in (0.8 N•m) Twin Side:4.5 lb•in (0.5 N•m)				6.2 lb•in (0.7 N•m)		
Density		59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)		
Housing Temperature Range	Insulation Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)		

	1492-J4Q			1492-JD3C				1492-JD4C			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Single-level feed-through terminal block with 2 connection points on each side*			*Two-level feed-through terminal block with commoning bar*				*Two-level feed-through terminal block with commoning bar*			
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX
Voltage Rating	600V AC/DC		500V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC	275V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC	550V AC/DC
Maximum Current	30 A		32 A	20 A	10 A	24 A	21 A	35 A	30 A	32 A	28 A
Wire Range (Rated Cross Section)	#30…10 AWG		0.5…4 mm^2	#22…12 AWG	#26…12 AWG	2.5 mm^2	2.5 mm^2 (20…14 AWG)	#26…10 AWG		0.5…4 mm^2	4 mm^2 (20…12 AWG)
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)				0.28 in. (7 mm)			
Recommended Tightening Torque	6.2 lb•in (0.7 N•m)			4.5…7.1 lb•in (0.5…0.8 N•m)				4.5 lb•in (0.5 N•m)			
Density	49 pcs/ft (163 pcs/m)			59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

	1492-W4TW			1492-WR3			1492-J4M	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.								
Specifications	*Feed-through terminal block with 3 connection points, 2 on one side*			*Single-circuit terminal block with terminals on common side.*			*Motor connection terminal block cluster with 3 feeds and ground*	
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	Certifications on individual blocks (1492-J4, JG4)	
Voltage Rating	600V AC/DC	600V AC/DC	800V AC/DC	300V AC/DC		500V AC/DC		
Maximum Current	30 A	20 A	32 A	15 A		15 A		
Wire Range (Rated Cross Section)	#18…10 AWG	#22…12 AWG	0.5…4 mm^2	#22…14 AWG		0.5…2.5 mm^2	#22…10 AWG 4 mm^2	
Wire Strip Length	0.35 in. (9 mm)			0.39 in. (10 mm)			0.39 in. (10 mm)	
Recommended Tightening Torque	5.0…5.6 lb•in (0.6 N•m)			5.0…5.6 lb•in (0.6 N•m)			9.0 lb•in (1.0 N•m)	
Density	50 pcs/ft (166 pcs/m)			61 pcs/ft (200 pcs/m)			12 pcs/ft (40 pcs/m)	
Housing Temperature Range	-40…+195 °F (-40…+90 °C)			-40…+195 °F (-40…+90 °C)			-58…+248 °F (-50…+120 °C)	

1492-J4CTB

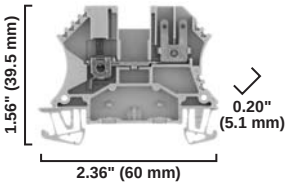
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



Specifications	*Single-level feed through block with circuit-break test/measurement plug capability*		
Certifications		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC
Maximum Current	8 A		6 A
Wire Range (Rated Cross Section)	#26…10 AWG		0.5…4 mm^2
Wire Strip Length	0.394 in. (10 mm)		
Recommended Tightening Torque	4.4…7.1 lb•in (0.5…0.8 N•m)		
Density	49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

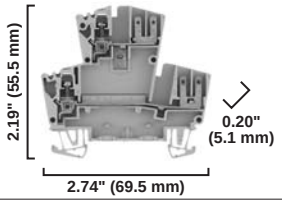
1492-J3F

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

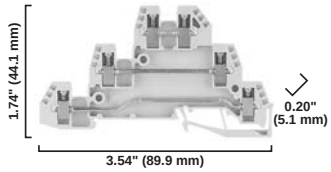
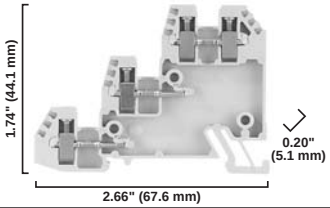


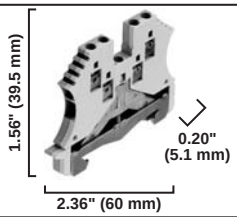
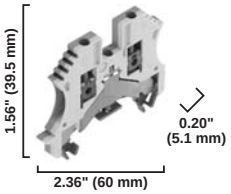
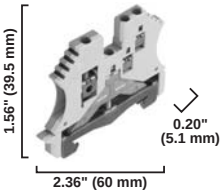
Specifications	*Feed-through terminal block with stab connections on one side*		
Certifications		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC
Maximum Current	16 A	10 A	16 A (2 x 8)
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)		
Recommended Tightening Torque	4.5…7.1 lb•in (0.5…0.8 N•m)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

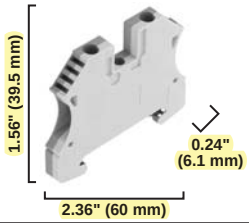
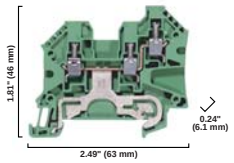
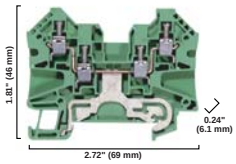
1492-JD3F

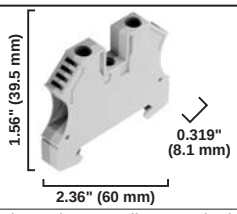
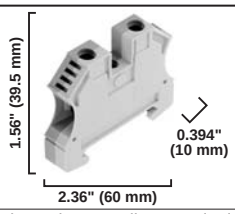


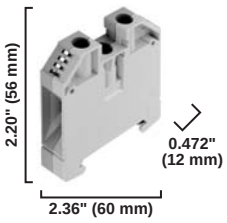
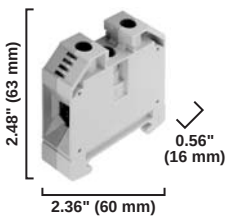
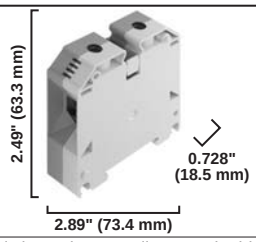
Two-level, two-circuit feed-through terminal block with stab connections on one side			
		CSA	**IEC**
300V AC/DC			400V AC/DC
10 A			16 A (2 x 8)
#22…12 AWG	#26…12 AWG		2.5 mm^2
0.39 in. (10 mm)			
4.5…7.1 lb•in (0.5…0.8 N•m)			
59 pcs/ft (196 pcs/m)			
-58…+248 °F (-50…+120 °C)			

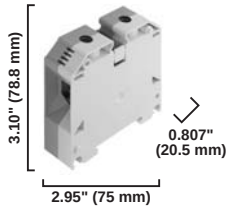
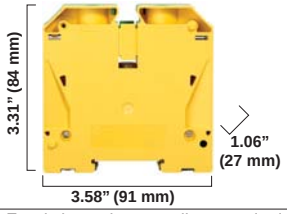
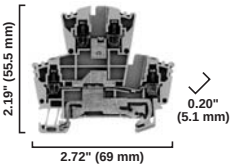
	1492-WTF3…			1492-WTS3…		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Three-circuit terminal block.*			*Three-level sensor block.*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	10 A		24 A	10 A		24 A
Wire Range (Rated Cross Section)	#26…14 AWG		0.5…2.5mm^2	#26…14 AWG		0.5…2.5 mm^2
Recommended Tightening Torque	4.2…4.6 lb•in (0.5 N•m)			4.2…4.6 lb•in (0.5 N•m)		
Density	60 pcs/ft (197 pcs/m)			60 pcs/ft (197 pcs/m)		
Housing Temperature Range	-40…+195 °F (-40…+90 °C)			-40…+195 °F (-40…+90 °C)		
Indicator Type WTF3/WTS3	No indicator			No indicator		
WTF3LP/WTS3LP	Red LED for PNP devices (10…50V)			Red LED for PNP devices (10…50V)		
WTF3LN/WTS3LN	Red LED for NPN devices (10…50V)			Red LED for NPN devices (10…50V)		
Leakage Current WTF3/WTS3	—			—		
WTF3LP/WTS3LP	2.69 mA @ 50V			2.69 mA @ 50V		
WTF3LN/WTS3LN	2.69 mA @ 50V			2.69 mA @ 50V		
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)		

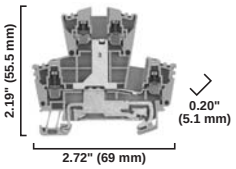
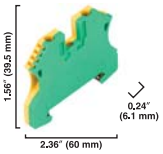
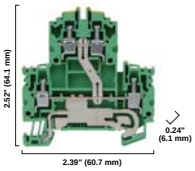
	1492-JG2Q			1492-JG3				1492-JG3TW			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-through grounding terminal block with 2 connection points on each side*			*Feed-through grounding terminal block*				*Feed-through grounding terminal block with 3 connection points, 2 on one side*			
Certifications		**CSA**	**IEC**		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding			Grounding				Grounding			
Wire Range (Rated Cross Section)	#22…14 AWG		1.5 mm^2	#22…12 AWG		2.5 mm^2	2.5 mm^2 (#20…14 AWG)	Single Side: #22…12 AWG		2.5 mm^2	2.5 mm^2 (#20…14 AWG)
								Twin Side: #26…12 AWG		1.5 mm^2	1.5 mm^2 (#20…16 AWG)
Wire Strip Length	0.28 in. (7 mm)			0.39 in. (10 mm)				Single Side: 0.39 in. (10 mm) Twin Side: 0.28 in. (7 mm)			
Recommended Tightening Torque	5.0 lb•in (0.6 N•m)			7.1 lb•in (0.8 N•m)				Single Side: 7.1 lb•in (0.8 N•m)			
Mounting Torque — Center Screw	3.5…5.3 lb•in (0.4…0.6 N•m)			3.5…6.2 lb•in (0.4…0.6 N•m)				Twin Side: 4.5 lb•in (0.5 N•m)			
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

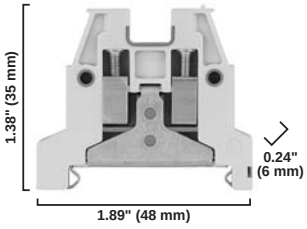
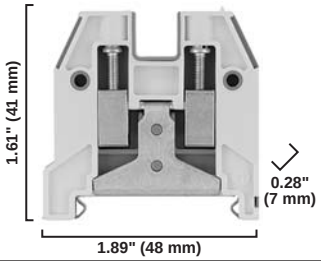
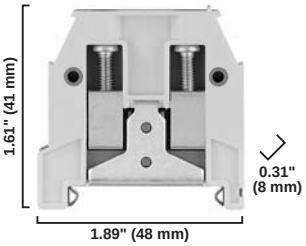
	1492-JG4				1492-JG4TW			1492-JG4Q		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.										
Specifications	*Feed-through grounding terminal block*				*Single-level grounding terminal block with 3 connection points, 2 on one side*			*Single-level grounding terminal block with two connection points on each sides*		
Certifications		CSA	IEC	ATEX		CSA	IEC		CSA	IEC
Voltage Rating	—	—	—	—	—			—		
Maximum Current	Grounding				Grounding			Grounding		
Wire Range (Rated Cross Section)	#22…10 AWG		4 mm^2	4 mm^2 (#20…12 AWG)	#30…10 AWG		0.5…4 mm^2	#30…10 AWG		0.5…4 mm^2
Wire Strip Length	0.39 in. (10 mm)				0.394 in. (10 mm)			0.394 in. (10 mm)		
Recommended Tightening Torque	9 lb-in (1.0 N•m)				6.2 lb•in (0.7 N•m)			6.2 lb•in (0.7 N•m)		
Mounting Torque - Center Screw	4.4…7.1 lb•in (0.5…0.8 N•m)				—			—		
Density	49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

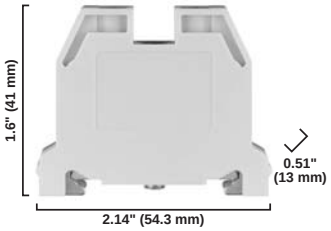
	1492-JG6				1492-JG10			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.								
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block*			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding			
Wire Range (Rated Cross Section)	#22…8 AWG		6 mm^2	6 mm^2 (#20…10 AWG)	#16…6 AWG		10 mm^2	10 mm^2 (#16…8 AWG)
Wire Strip Length	0.47 in. (12 mm)				0.47 in. (12 mm)			
Recommended Tightening Torque	14.2 lb•in (1.6 N•m)				20.4 lb•in (2.3 N•m)			
Mounting Torque — Center Screw	4.4…8.9 lb•in (0.5…1.0 N•m)				4.4…8.9 lb•in (0.5…1.0 N•m)			
Density	37 pcs/ft (123 pcs/m)				30 pcs/ft (100 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

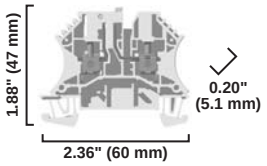
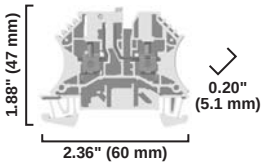
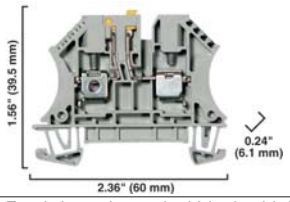
	1492-JG16				1492-JG35				1492-JG50			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block*				*Feed-through grounding terminal block*			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#24…4 AWG		16 mm^2	16 mm^2 (#16…6 AWG)	#12…1 AWG	#12…2 AWG	35 mm^2	35 mm^2 (#14…2 AWG)	#10… 1/0 AWG	#14… 1/0 AWG	50 mm^2	50 mm^2 (10…1/0 AWG)
Wire Strip Length	0.63 in. (16 mm)				0.70 in. (18 mm)				0.94 in. (24 mm)			
Recommended Tightening Torque	35.0 lb•in (4.0 N•m)				51.0 lb•in (5.8 N•m)				31.5 lb•in (3.6 N•m)			
Mounting Torque — Center Screw	10.6…21.2 lb•in (1.2…2.4 N•m)				10.6…21.2 lb•in (1.2…2.4 N•m)				17.7…35.4 lb•in (2.0…4.0 N•m)			
Density	25 pcs/ft (83 pcs/m)				19 pcs/ft (62 pcs/m)				16 pcs/ft (54 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

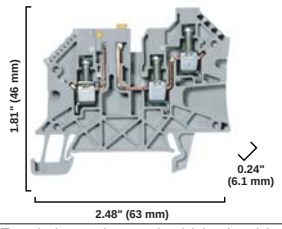
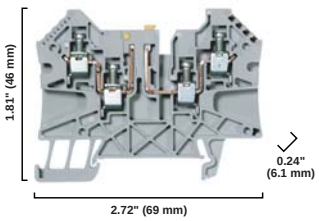
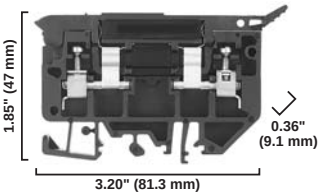
	1492-JG70				1492-JG120			1492-JDG3			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block*			*Two-circuit terminal block with one feed-through and one grounding circuit*			
Certifications		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**		**CSA**	**IEC**	**ATEX**
Voltage Rating	—				—			300V AC/DC		400V AC/DC	275V AC/DC
Maximum Current	Grounding				—			20 A		24 A	21 A
Wire Range (Rated Cross Section)	#6…2/0 AWG		70 mm^2	70 mm^2 (#8…2/0 AWG)	#4…3/0 AWG	#4…4/0 AWG	16...95 mm^2	#22…12 AWG		2.5 mm^2	2.5 mm^2 (#20…14 AWG)
Wire Strip Length	0.87 in. (22 mm)				1.06 in. (27 mm)			0.39 in. (10 mm)			
Recommended Tightening Torque	87.0 lb•in (9.8 N•m)				88.5 lb•in (10 N•m)			4.5…7.1 lb•in. (0.5…0.8 N•m)			
Mounting Torque — Center Screw	17.7…35.4 lb•in (2.0…4.0 N•m)				—			—			
Density	14 pcs/ft (48 pcs/m)				11 pcs/ft (37 pcs/m)			59 pcs/ft (196 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			

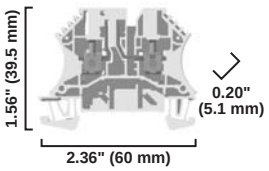
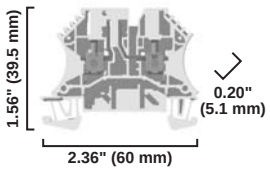
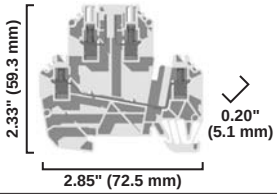
	1492-JDG3C				1492-JDG4				1492-JDG4C			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Two-level grounding terminal block with commoning bar*				*Two-circuit terminal block with one feed-through and one grounding*				*Two-level grounding terminal block with commoning bar*			
Certifications		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**
Voltage Rating	—				600V AC/DC	300V AC/DC	800V AC/DC	550V AC/DC	—			
Maximum Current	Grounding				35 A	30 A	32 A	28 A	Grounding			
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm^2	2.5 mm^2 (#20…14 AWG)	#26…10 AWG		4 mm^2	4 mm^2	#26…10 AWG		4 mm^2	4 mm^2
Wire Strip Length	0.39 in. (10 mm)				0.31 in. (8 mm)				0.31 in. (8 mm)			
Recommended Tightening Torque	4.5…7.1 lb•in (0.5…0.8 N•m)				4.5…8.8 lb•in (0.5…1.0 N•m)				4.5…8.8 lb•in (0.5…1.0 N•m)			
Mounting Torque — Center Screw	—				—				—			
Density	59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

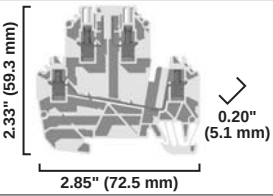
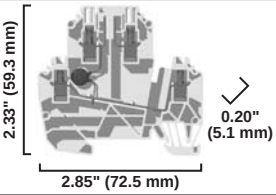
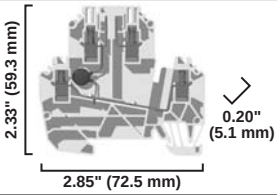
	1492-WG4				1492-WG6				1492-WG10S		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Single-circuit grounding terminal block.*				*Single-circuit grounding terminal block.*				*Single-circuit grounding terminal block.*		
Certifications	cULus	IEC	CSA	ATEX	cULus	IEC	CSA	ATEX	cULus	CSA	IEC
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding		
Wire Range (Rated Cross Section)	#22…12 AWG	4 mm^2	#22…12 AWG	4 mm^2	#22…10 AWG	6 mm^2	#22…10 AWG	6 mm^2	#22…8 AWG	#22…8 AWG	10 mm^2
Wire Strip Length	0.43 in. (11 mm)				0.47 in. (12 mm)				0.43 in. (11 mm)		
Recommended Tightening Torque	5.6…6.8 lb•in (0.7 N•m)				5.6…6.8 lb•in (0.7 N•m)				7.1 lb•in (0.8 N•m)		
Density	50 pcs/ft (166 pcs/m)				43 pcs/ft (142 pcs/m)				38 pcs/ft (125 pcs/m)		
Housing Temperature Range	-40…+195 °F (-40…+90 °C)				-40…+195 °F (-40…+90 °C)				-40…+195 °F (-40…+90 °C)		

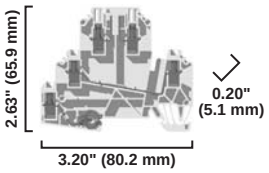
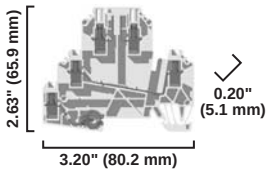
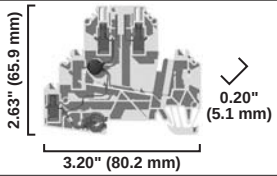
	1492-WG16S		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Single-circuit grounding terminal block.*		
Certifications	cULus	CSA	IEC
Voltage Rating	—	—	—
Maximum Current	Grounding		
Wire Range (Rated Cross Section)	#14…4 AWG		2.5…16 mm^2
Wire Strip Length	0.51 in. (13 mm)		
Recommended Tightening Torque	18…20 lb•in (2.1 N•m)		
Center Screw Mounting Torque	10.6 lb•in (1.2 N•m)		
Density	27 pcs/ft (90 pcs/m)		
Housing Temperature Range	-40…+195 °F (-40…+90 °C)		

	1492-JKD3			1492-JKD3TP			1492-JKD4		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Feed through terminal block with knife disconnect*			*Feed-through terminal block with knife disconnect and test screws*			*Feed-through terminal block with knife disconnect*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC
Maximum Current	10 A		24 A	10 A		24 A	22 A	10 A	32 A
Wire Range (Rated Cross Section)	#22…12 AWG		2.5 mm^2	#22…12 AWG		2.5 mm^2	#22…10 AWG		0.05…4.0 mm^2
Fuse Size (Dummy Fuse Supplied)	—			—			—		
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.512 in. (13 mm)		
Recommended Tightening Torque	7.1 lb•in (0.8 N•m)			7.1 lb•in (0.8 N•m)			9.0 lb•in (1.0 N•m)		
Density	49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		

	1492-JKD4TW			1492-JKD4Q			1492-H7		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Feed-through terminal block with knife disconnect; 3 connection points, 2 on one side*			*Feed-through terminal block with knife disconnect; 2 connection points on each side*			*Handle-style isolating terminal block*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	600V AC/DC		500V AC/DC	600V AC/DC		500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	25 A		30 A	25 A		30 A	15 A	15 A	15 A
Wire Range (Rated Cross Section)	#30…10 AWG		0.5…4 mm^2	#30…10 AWG		0.5…4 mm^2	#30…10 AWG		0.5…4.0 mm^2
Fuse Size (Dummy Fuse Supplied)	—			—			1/4 x 1-1/4 in.		
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.38 in. (9.7 mm)		
Recommended Tightening Torque	6.2 lb•in (0.7 N•m)			6.2 lb•in (0.7 N•m)			7.1 lb•in (0.8 N•m)		
Density	49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)			33 pcs/ft (109 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-40…+221 °F (-40…+105 °C)		

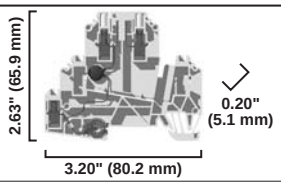
	1492-J3P			1492-J3PTP			1492-JD3P		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Selectable component plug-in terminal block*			*Selectable component plug-in terminal block with test plug socket*			*Two Circuit selectable component plug-in terminal block*		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Maximum Current	20 A	10 A	24 A	20 A	10 A	24 A	20 A		24 A
Wire Range (Rated Cross Section)	#30…12 AWG		2.5 mm^2	#30…12 AWG		2.5 mm^2	#24…12 AWG	#30…12 AWG	2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in (0.5 N•m)			4.4 lb•in (0.5 N•m)			4.4 lb•in (0.5 N•m)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

	1492-JD3PTP			1492-JD3PSS			1492-JD3PSSTP		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Two-circuit selectable component plug-in terminal block with test plug socket*			*Two-circuit selectable component plug-in terminal block with internal surge suppressor*			*Two-circuit selectable component plug-in terminal block with internal surge suppressor and test plug socket*		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		115V AC	300V AC/DC		115V AC/DC
Maximum Current	20 A		24 A	20 A		24 A	20 A		24 A
Wire Range (Rated Cross Section)	#24…12 AWG	#30…12 AWG	2.5 mm^2	#24…12 AWG	#30…12 AWG	2.5 mm^2	#24…12 AWG	#30…12 AWG	2.5 mm^2
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in (0.5 N•m)			4.4 lb•in (0.5 N•m)			4.4 lb•in (0.5 N•m)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			–58…+248 °F (–50…+120 °C)		

	1492-JDG3P			1492-JDG3PTP			1492-JDG3PSS		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Two-circuit block with ground connection*			*Two-circuit block with test plug socket and ground connection*			*Single-circuit block with MOV to ground*		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC	300V AC/DC		115V AC
Maximum Current	20 A		24 A	20 A		24 A	20 A		24 A
Wire Range (Rated Cross Section)	#24…12 AWG	#30…12 AWG	2.5 mm^2	#24…12 AWG	#30…12 AWG	2.5 mm^2	#24…12 AWG	#30…12 AWG	2.5 mm^2
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in (0.5 N•m)			4.4 lb•in (0.5 N•m)			4.4 lb•in (0.5 N•m)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

1492-JDG3PSSTP

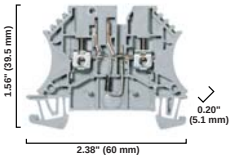
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



Specifications	*Single-circuit block with MOV to ground and test plug socket*		
Certifications		**CSA**	**IEC**
Voltage Rating	300V AC/DC		115V AC
Maximum Current	20 A		24 A
Wire Range (Rated Cross Section)	#24…12 AWG	#30…12 AWG	2.5 mm^2
Wire Strip Length	0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in (0.5 N•m)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

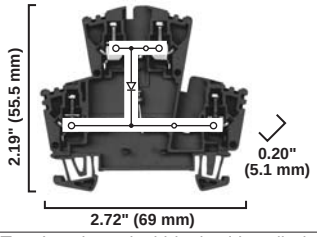
1492-J3DF

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



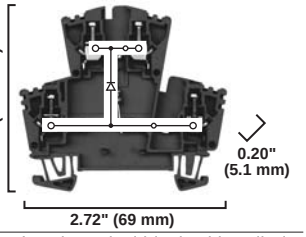
Specifications	*Single-level diode forward terminal block with test plug sockets*		
Certifications		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC
Diode Reverse Voltage Rating	—		
Maximum Current	20 A	10 A	6 A
Diode Current★	—		
Resistor Type	—		
Resistor Value	—		
Current through Busbar	10 A	1 A	14 A
Wire Range (Rated Cross Section)	#26…12 AWG		0.5…2.5 mm^2
Wire Strip Length	0.394 in. (10 mm)		
Recommended Tightening Torque	4.4…6.2 lb•in (0.5…0.7 N•m)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

1492-JD3DF★

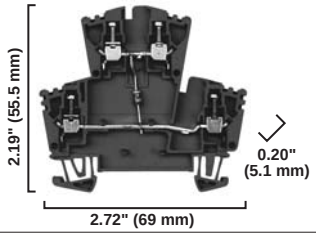
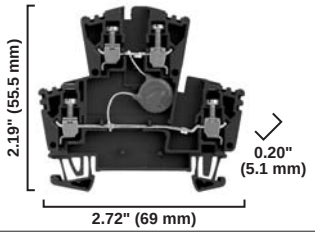


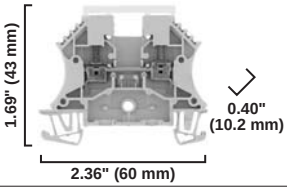
Specifications	*Two-Level terminal block with a diode in forward bias between the levels.*		
Certifications		**CSA**	**IEC**
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC
Diode Reverse Voltage Rating	1000V		
Maximum Current	20 A	10 A	—
Diode Current★	1 A		
Resistor Type	—		
Resistor Value	—		
Current through Busbar	10 A		
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)		
Recommended Tightening Torque	4.5…7.1 lb•in (0.5…0.8 N•m)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

1492-JD3DR★

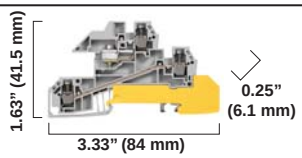
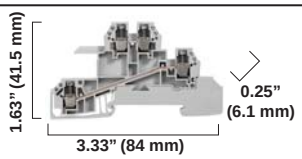
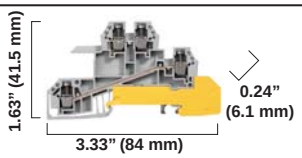


Specifications	*Two-Level terminal block with a diode in reverse bias between the levels.*		
Certifications		**CSA**	**IEC**
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC
Diode Reverse Voltage Rating	1000V		
Maximum Current	20 A	10 A	—
Diode Current★	1 A		
Resistor Type	—		
Resistor Value	—		
Current through Busbar	10 A		
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)		
Recommended Tightening Torque	4.5…7.1 lb•in (0.5…0.8 N•m)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

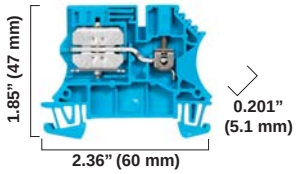
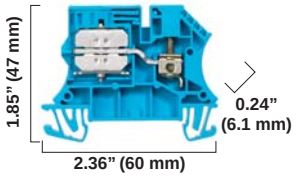
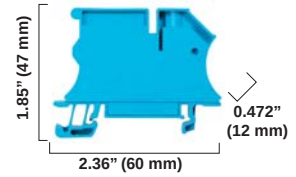
	1492-JD3RC001★			1492-JD3SS		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Two-level terminal block with a 249 ohm resistor between the levels*			*Two-level terminal block with an MOV between the levels.*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC	600V AC/DC	115V AC/DC	
Resistor Type	Precision Wire Wound			—		
Resistor Value	249 Ω, 1/2 W			—		
Current through Busbar	20 A	10 A	—	20 A	10 A	24 A
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm^2	#22…12 AWG	#26…12 AWG	2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque	4.5…7.1 lb•in (0.5…0.8 N•m)			4.5…7.1 lb•in (0.5…0.8 N•m)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

	1492-JTC3…	
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.		
Specifications	*Two circuit terminal block with current bars made of thermocouple material*	
Certifications	**IEC**	**ATEX**
Voltage Rating	—	55V AC/DC
Wire Range (Rated Cross Section)	#30…12 AWG 2.5 mm^2	#20...14 AWG 2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)	
Recommended Tightening Torque	3.5…5.3 lb•in (0.4…0.6 N•m)	
Density	29 pcs/ft (98 pcs/m)	
Housing Temperature Range	-58…+248 °F (-50…+120 °C)	

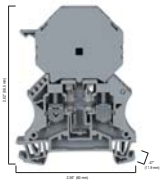
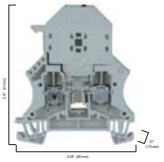
Neutral Disconnect and Installation Blocks

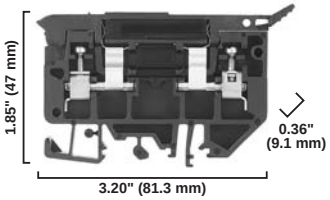
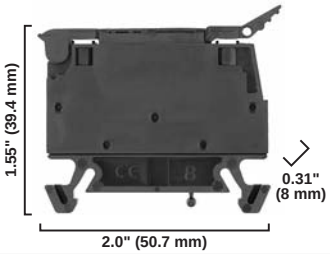
	1492-JDG3ND			1492-JD3N			1492-JDG3N		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*3-Level terminal block with neutral disconnect and ground connection*			*2-Level feed-through terminal block for installation applications*			*3-Level terminal block with 2 feed-through and ground connection*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	300V AC/DC		400V AC/DC	300V AC/DC		400V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	15 A	10 A	24 A	15 A	10 A	24 A	15 A	10 A	24 A
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm^2	#22…12 AWG	#26…12 AWG	2.5 mm^2	#22…12 AWG	#26…12 AWG	2.5 mm^2
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	7.0 lb•in (0.8 N•m)			7.0 lb•in (0.8 N•m)			7.0 lb•in (0.8 N•m)		
Density	49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)		

Single-Circuit Neutral Disconnect Blocks

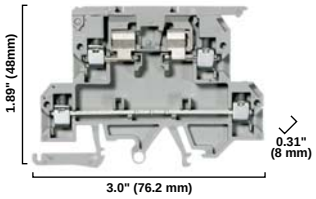
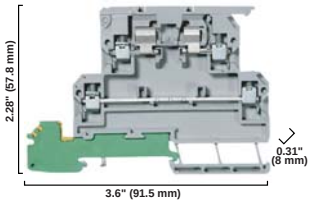
	1492-J3ND			1492-J4ND			1492-J16ND		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Single-level screw neutral disconnect terminal block*			*Single-level screw neutral disconnect terminal block*			*Single-level screw neutral disconnect terminal block*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	600V AC/DC		400V AC/DC	600V AC/DC		400V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	25 A	20 A	24 A	35 A	25 A	32 A	65 A		76 A
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm^2	#22…10 AWG	#26…10 AWG	4 mm^2	#14…6 AWG		16 mm^2
Wire Strip Length	0.394 in. (10 mm)			0.394 in. (10 mm)			0.47 in. (12 mm)		
Recommended Tightening Torque	7.1 lb•in (0.5 N•m)			9.0 lb•in (1.0 N•m)			19.5 lb•in (2.2 N•m)		
Density	59 pcs/ft (196 pcs/m)			49 pcs/f (/163 pcs/m)			25 pcs/ft (83 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)		

Fuse Blocks

	1492-J6FB1...			1492-J6FB2...		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Single-circuit fuse block with or without blown fuse indication*			*Single-circuit fuse block with or without blown fuse indication*		
Certifications	UL	**CSA**	**IEC**	UL	**CSA**	**IEC**
Voltage Rating J6FB1/J6FB2	600V AC/DC		500V AC/DC	600V AC/DC		500V AC/DC
Voltage Rating J6FB124/J6FB224	10…36V AC/DC			10…36V AC/DC		
Voltage Rating J6FB148/J6FB248	30…70V AC/DC			30…70V AC/DC		
Voltage Rating J6FB1120/J6FB2120	60…150V AC/DC			60…150V AC/DC		
Voltage Rating J6FB1250/J6FB2250	100…250V AC/DC			100…250V AC/DC		
Maximum Current	10 A	16 A	6.3 A	10 A	10 A	6.3 A
Wire Range (Rated Cross Section)	#22…8 AWG	#20…8 AWG	6 mm^2	#22…8 AWG	#20…8 AWG	6 mm^2
Wire Strip Length	0.47 in. (12 mm)			0.47 in. (12 mm)		
Recommended Tightening Torque	10.6 lb•in (1.2 N•m)			14.2 lb•in (1.6 N•m)		
Density	25 pcs/ft (84 pcs/m)			38 pcs/ft (126 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		
Leakage Current	≤ 0.5 mA at Nominal Voltage			≤ 0.5 mA at Nominal Voltage		
Fuse Size (not supplied)	1/4 x 1-1/4 in.			5 x 20 mm		

	1492-H...			1492-WFB4...		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Single-circuit fusible terminal block with or without fuse indication.*			*Single-circuit fuse block with or without fuse indication.*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating H6/WFB4	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Voltage Rating H5/WFB424	10…57V AC/DC			10…57V AC/DC		
Voltage Rating H4/WFB4250	100…300V AC			85…264V AC		
Maximum Current	15 A			15 A		15 A ★
Wire Range (Rated Cross Section)	#30…12 AWG		0.5… 4 mm^2	#30…12 AWG		0.5…4 mm^2
Wire Strip Length	0.38 in. (9.7 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	7.1 lb•in (0.8 N•m)			2.65…5.3 lb•in (0.3…0.6 N•m)		
Density	33 pcs/ft (109pcs /m)			38 pcs/ft (125 pcs/m)		
Housing Temperature Range	-40…+195 °F (-40…+90 °C)			-40…+195 °F (-40…+90 °C)		
Indicator Type						
H6/WFB4	Non-Indicating			Non-Indicating		
H5/WFB424	Red LED			Red LED		
H4/WFB4250	Neon			Neon		
Leakage Current						
H6/WFB4	—			—		
H5/WFB424	2 mA @ 24V			2 mA @ 24V		
H4/WFB4250	2 mA @ 300V			2 mA @ 300V		
Fuse Size (Not Supplied)	1/4 x 1-1/4 in.			5 x 20 mm		

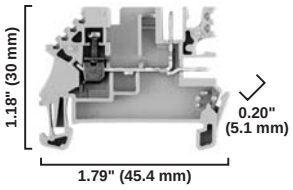
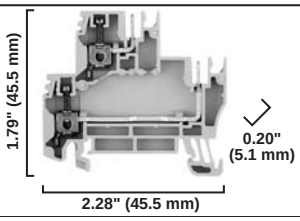
Feed-through Hinged Blocks

	1492-JD3FB...			1492-JDG3FB...		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Two-level terminal block with feed-through circuit and hinged-arm fuse circuit*			*Three-Level terminal block with feed-through circuit, hinged-arm fuse circuit, and ground point*		
Certifications	UL	CSA	IEC	UL	CSA	IEC
Voltage Rating — JD3FB/JDG3FB	600V AC/DC	600V AC/DC	500V AC/DC	600V AC/DC	600V AC/DC	500V AC/DC
Voltage Rating — JD3FB24/JDG3FB24	10...36V AC/DC			10...36V AC/DC		
Voltage Rating — JD3FB48/JDG3FB48	30…70V AC/DC			30…70V AC/DC		
Voltage Rating — JD3FB120/JDG3FB120	60…150V AC/DC			60…150V AC/DC		
Voltage Rating — JD3FB250/JDG3FB250	100...250V AC/DC			100...250V AC/DC		
Maximum Current — Fuse Circuit	10 A	10 A	6.3 A‡	10 A	10 A	6.3 A‡
Maximum Current — Feed-through Circuit	20 A	25 A		20 A	25 A	
Wire Range (Rated Cross Section)	#22…12 AWG	#20…8 AWG	0.5…4 mm²	#22…12 AWG	#20…8 AWG	0.5…4 mm²
Wire Strip Length	0.35 in. (9 mm)			0.35 in. (9 mm)		
Recommended Tightening Torque	5.5 lb·in. (0.65 N·m)			5.5 lb·in. (0.65 N·m)		
Density	38 pcs/ft (125 pcs/m)			38 pcs/ft (125 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		
Leakage Current	≤ 0.5mA at Nominal Voltage			≤ 0.5mA at Nominal Voltage		
Fuse Size (Not Supplied)	5 x 20 mm			5 x 20 mm		

‡ IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

★ The Bulletin 1492-GMC marker carrier installs directly on the top of a 1492-EAJ35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

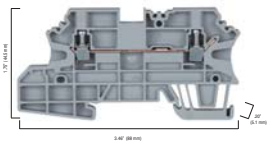
Plug-in Connection Blocks

	1492-JC3			1492-JDC3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Feed-Through terminal block with 2 plug-in comb connections on one side.*			*Two Circuit terminal block with plug-in comb connection on one side of each circuit.*		
Certifications	cULus	**CSA**	**IEC**	cULus	**CSA**	**IEC**
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	20 A	10 A	10 A (2 x 8)	20 A (2 x 10)	24 A	17.5 A
Wire Range (Rated Cross Section)	#22…12 AWG	#26…12 AWG	2.5 mm²	#22…12 AWG	#26…12 AWG	2.5 mm²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque	4.5 lb•in (0.5 N•m)			4.5…7.1 lb•in (0.5…0.8 N•m)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

Process Terminal Blocks

1492-JP3

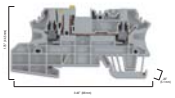
Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



Specifications	Single-circuit feed-through process terminal block		
Certifications	UL	CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC
Maximum Current	20 A	26 A	24 A
Wire Range (Rated Cross Section)	#26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in. (10 mm)		
Recommended Tightening Torque	4.4…5.3 lb·in. (0.5…0.6 N·m)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

1492-JPKD3 1492-JPGKD3 1492-JPGKD3TP

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.



Specifications	Single-circuit, feed-through process terminal block with knife disconnect		Single-circuit, feed-through terminal block with knife disconnect and ground connection			Single-circuit, knife disconnect feed-through process terminal block with test screws and ground connection		
Certifications	cURus	**IEC**	UL	**CSA**	**IEC**	UL	**CSA**	**IEC**
Voltage Rating	600V AC/DC	500V AC/DC	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Maximum Current	20 A	20 A	19 A	19 A	20 A	19 A	19 A	20 A
Wire Range (Rated Cross Section)	#26…12 AWG	2.5 mm²	#26…12 AWG		2.5 mm²	#26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in. (10 mm)		0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque	4.4...5.3 lb•in (0.5...0.6 N•m)		4.4...5.3 lb•in (0.5...0.6 N•m)			4.4...5.3 lb•in (0.5...0.6 N•m)		
Density	59 pcs/ft (196 pcs/m)		59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

1492-JP3FB 1492-JPG3FB

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

Specifications		Disconnect style single-circuit fusible terminal block with or without fuse indication			Disconnect style single-circuit fusible terminal block with or without fuse indication and ground connection		
Certifications		UL	**CSA**	**IEC**	UL	**CSA**	**IEC**
Voltage Rating §	JP3FB/JP3GFB	600V AC/DC		500V AC/DC	600V AC/DC		500V AC/DC
	JP3FB24/JPG3FB24	10...36V AC/DC			10...36V AC/DC		
	JP3FB48/JPG3FB48	30…70V AC/DC			30…70V AC/DC		
	JP3FB120/JPG3FB120	60…150V AC/DC			60…150V AC/DC		
	JP3FB250/JPG3FB250	100...250V AC/DC			100...250V AC/DC		
Maximum Current		17 A	17 A	6.3 A	17 A	17 A	6.3 A
Wire Range (Rated Cross Section)		#26…12 AWG	#26…12 AWG	2.5 mm²	#26…12 AWG		2.5 mm²
Wire Strip Length		0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque		4.4…5.3 lb·in. (0.5…0.6 N·m)			4.4…5.3 lb·in. (0.5…0.6 N·m)		
Density		59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range		-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

Short-Circuit Current Ratings
Fuse Ratings

Cat. No.	Wire Range Cu [AWG]		Overcurrent Protection Fuse Required Class/Max. Current Rating [A]						Maximum Voltage [V]	SCCR, RMS SYM [A]
	Line	Load	J	T	RK1	RK5	G	CC		
1492-J3	14…12	14…12	30	30	—	—	30	30	600	100,000
1492-J3P										
1492-JD3SS										
1492-JD3										
1492-JD3C										
1492-JG3TW										
1492-JDG3C										
1492-JG3										
1492-J3F	14…12	14…12	30	30	—	—	30	30	300	100,000
1492-J3TW										
1492-JC3										
1492-JDC3										
1492-JKD3										
1492-JD3FB										
1492-JD3F										
1492-JDG3FB										
1492-JD3PSSTP										
1492-JD3PTP										
1492-JDG3P										
1492-JDG3PSS										
1492-JDG3PSSTP										
1492-JDG3PTP										
1492-JDG3										
1492-JD3PSS										
1492-JD3P										
1492-J4	14…10	14…10	60	60	30	—	60	30	600	100,000
1492-JG4										
1492-JKD4										
1492-J4TW										
1492-J4Q										
1492-JG4TW										
1492-JG4Q										
1492-JKD4TW										
1492-JKD4Q										
1492-JKD4TP										
1492-JD4C										
1492-JD4										
1492-JKD4QTP										
1492-JKD4TWTP										
1492-JSD4	14…10	14…10	60	60	30	—	60	30	300	100,000
1492-JKD4										
1492-J4CTB										
1492-J6	14…8	14…8	100	100	60	30	60	30	600	100,000
1492-JG6										
1492-J10	14…6	14…6	100	100	60	30	60	30	600	100,000
1492-JG10										
1492-J16	14…4	14…4	100	100	60	30	60	30	600	100,000
1492-JG16										
1492-J16ND										
1492-J35	12…1/0	12…1/0	200	200	100	30	60	30	600	100,000
1492-JG35										
1492-J50	6…1/0	6…1/0	200	200	100	30	60	30	600	100,000
1492-JG50										
1492-J70	1/0...3/0	1/0...3/0	400	400	200	100	60	30	600	100,000
1492-JG70										
1492-J120	4…4/0	4…4/0	400	400	200	100	60	30	600	100,000
1492-JG120										

Overcurrent Ratings

Cat. No.	Wire Range Cu [AWG] (Line and Load)	Overcurrent Protection Device Required	Max. Current [A]	SCCR, RMS Sym A 480Y/277V	SCCR, RMS Sym. A 600Y/347V
1492-J3	14…12	140M-D8E-__	16	65,000	30,000
1492-JG3TW		140M-C2E-B10		65,000	30,000
1492-J3P		140M-C2E-B16		65,000	30,000
1492-J3		140M-C2E-B25		65,000	30,000
1492-JD3		140M-C2E-B40		65,000	25,000
1492-JD3C		140M-C2E-B63		65,000	★
1492-JD3SS		140M-C2E-A__		65,000	30,000
1492-JDG3C		140M-C2E-C10		65,000	★
1492-JG3		140MC2E-C16		30,000	★
1492-J4	14…10	140M-F8E-__	32	65,000	30,000
1492-JG4		140M-D8E-C10		65,000	30,000
1492-J4TW		140M-D8E-C16		65,000	30,000
1492-J4Q		140M-D8E-C20		65,000	★
1492-JG4TW		140M-D8E-C25		30,000	★
1492-JG4Q		140M-D8E-B__		65,000	30,000
1492-JKD4TW		140M-C2E-B10		65,000	30,000
1492-JKD4Q		140M-C2E-B16		65,000	30,000
1492-JKD4TP		140M-C2E-B25		65,000	30,000
1492-JD4C		140M-C2E-B40		65,000	25,000
1492-JD4		140M-C2E-B63		65,000	★
1492-JKD4QTP		140M-C2E-C10		65,000	★
1492-JKD4TWTP		140M-C2E-C16		30,000	★
		140M-C2E-A__		65,000	30,000
1492-J6	14…8	140M-F8E-__	32	65,000	30,000
1492-JG6		140M-D8E-C10		65,000	30,000
		140M-D8E-C16		65,000	30,000
		140M-D8E-C20		65,000	★
		140M-D8E-C25		30,000	★
		140M-D8E-B__		65,000	30,000
		140M-C2E-B10		65,000	30,000
		140M-C2E-B16		65,000	30,000
		140M-C2E-B25		65,000	30,000
		140M-C2E-B40		65,000	25,000
		140M-C2E-B63		65,000	★
		140M-C2E-C10		65,000	★
		140M-C2E-C16		30,000	★
		140M-C2E-A__		65,000	30,000

★ Bulletin 140M does not have ratings at this voltage.

Cat. No.	Wire Range Cu [AWG] (Line and Load)	Overcurrent Protection Device Required	Max. Current [A]	SCCR, RMS Sym A 480Y/277V	SCCR, RMS Sym. A 300V+
1492-J3TW	14…12	140M-D8E-__	16	65,000	30,000
1492-JC3		140M-C2E-B10		65,000	30,000
1492-JDC3		140M-C2E-B16		65,000	30,000
1492-J3F		140M-C2E-B25		65,000	30,000
1492-JD3F		140M-C2E-B40		65,000	25,000
1492-JKD3		140M-C2E-B63		65,000	★
1492-JD3FB		140M-C2E-A__		65,000	30,000
1492-JDG3FB		140M-C2E-C10		65,000	★
1492-JD3PSSTP		140MC2E-C16		30,000	★
1492-JD3PTP					
1492-JDG3P					
1492-JDG3PSS					
1492-JDG3PSSTP					
1492-JDG3PTP					
1492-JDG3					
1492-JD3P					
1492-JD3PSS					
1492-JKD4	14…10	140M-F8E-__	32	65,000	30,000
1492-JSD4		140M-D8E-C10		65,000	30,000
1492-J4CTB		140M-D8E-C16		65,000	30,000
		140M-D8E-C20		65,000	★
		140M-D8E-C25		30,000	★
		140M-D8E-B__		65,000	30,000
		140M-C2E-B10		65,000	30,000
		140M-C2E-B16		65,000	30,000
		140M-C2E-B25		65,000	30,000
		140M-C2E-B40		65,000	25,000
		140M-C2E-B63		65,000	★
		140M-C2E-C10		65,000	★
		140M-C2E-C16		30,000	★
		140M-C2E-A__		65,000	30,000

Cat. No.	Wire Range Cu [AWG] (Line and Load)	Overcurrent Protection Device Required	Max. Current [A]	SCCR, RMS Sym A 480V+	SCCR, RMS Sym. A 600Y 347V+
1492-J10	14…10	140M-H8P-__	50	50,000	30,000
1492-JG10					
1492-J16	14…4	140M-H8P-__	100	30,000	30,000
1492-JG16					
1492-J16ND					
1492-J35	12…2	140M-H8P-__	100	50,000	30,000
1492-JG35					
1492-J50	2…1/0	140M-H8P-__	150	65,000	30,000
1492-JG50					

Cat. No.	Wire Range Cu [AWG] (Line and Load)	Overcurrent Protection Device Required	Max. Current [A]	SCCR, RMS Sym A 480V+	SCCR, RMS Sym. A 600V+
1492-J70	4…1/0	140U-J0X3	175	65,000	★
	1/0	140U-J0X3		★	30,000
1492-J120	2…3/0	140U-J0X3	228	65,000	30,000

★ Bulletin 140M does not have ratings at this voltage.
+ Voltage terminal block was tested at for respective SCCR

Allen-Bradley spring-clamp terminal blocks generally have been designed to meet the requirements of one or more regulatory bodies. Most products have also been tested per additional standards. The following is a listing of some of the regulatory bodies and standards which apply to Allen-Bradley spring-clamp terminal block products. See the particular product description for information on specific certifications and ratings.

(Underwriters Laboratories) — Allen-Bradley spring-clamp terminal blocks with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States Standards:

- UL 486E — Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks

Reference UL file E40735

(Underwriters Laboratories) — Allen-Bradley spring-clamp terminal blocks with this rating have been tested by Underwriters Laboratories and meet the requirements of one or more of the following Canadian Standards:

- CSA 22.2 No. 158 — Terminal Blocks

Reference UL file E40735

(Canadian Standards Association) — Allen-Bradley spring-clamp terminal blocks with this rating have been tested by the Canadian Standards Association and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

Reference CSA files 677896

Allen-Bradley spring-clamp terminal blocks listed in this catalog meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN 60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors
- EN 60947-7-3 — Low Voltage Switchgear and Controlgear: Safety Requirements for Fuse Terminal Blocks

ATEX — Devices listed in this catalog with “ATEX” ratings meet the following European Norms per DEMKO or KEMA, Approval Certification Bodies for the European Union:

- EN 60079-0 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 60079-7 — Electrical Apparatus for Potentially Explosive Atmospheres — Increased Safety “e”

Contact your local Allen-Bradley distributor for a copy of the certificate.

Ex e II — Bulletin 1492-L terminal blocks in this catalog meet the following Canadian Standards per Underwriters Laboratories:

- CAN/CSA E60079-7 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements
- CAN/CSA E60079-0 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety “e”

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

AEx e II — Allen-Bradley spring-clamp terminal blocks with an “AEx e II” rating meet the following United States Standard per Underwriters Laboratories:

- UL 2279 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

Lloyd’s Register — Bulletin 1492-L terminal blocks in this catalog have been certified for use in marine, off-shore, and industrial installations per the following standard:

- Lloyd’s Register Test Specification No. 1:1996

Contact your local Allen-Bradley distributor for a copy of the certificate.

The Allen-Bradley Line of Spring-Clamp Terminal Blocks…

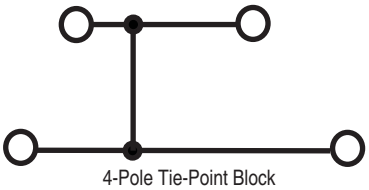
The Bulletin 1492-L line of internationally approved spring-clamp IEC-style terminal blocks offers a variety of products that can make any application:

- Fast — Reduces wiring time by more than 50%
- Practical — Requires only a flat-head screwdriver for easy installation. Maintenance-free, no need to retighten
- Reliable — Secure contact is durable under extreme conditions such as high-vibration applications

Products Available in the 1492-L Spring-Clamp Line

- **Feed-Through Blocks**, accommodating wire sizes from #30…#2 AWG (0.2…35 mm^2)
- **Grounding Blocks** for grounding a given circuit to the DIN Rail
- **Multi-Circuit Blocks** for doubling circuit wiring density
- **Isolation Blocks** for circuit isolation during testing and troubleshooting
- **Plug-In Style Terminal Blocks** accommodating component plugs, fuse plugs, and disconnect plugs
- **Sensor Blocks** for coordination of three-wire sensor groups with or without ground terminations
- **Electrical Component Blocks** which allow for the insertion of fixed components into control circuits. Components include diodes and surge suppression circuits

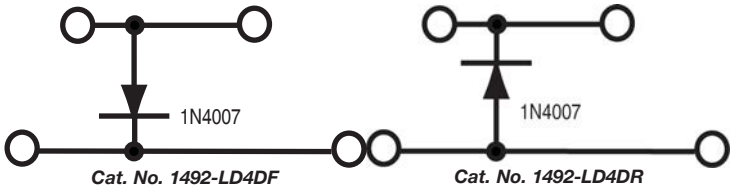
Tie-Point Block (Cat. Nos. 1492-LD2C, LD3C, LD4C)



4-Pole Tie-Point Block

Diode Block (Cat. Nos. 1492-LD4DF, 1492-LD4DR)

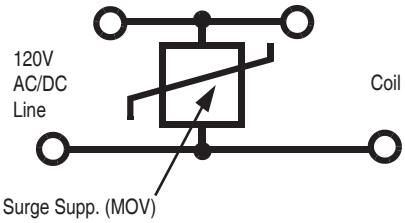
Uses a 1N4007 diode between the upper and lower levels for insertion into a control circuit. This block is useful in low voltage DC control circuits for directioning and suppression.



Cat. No. 1492-LD4DF *Cat. No. 1492-LD4DR*

Surge Suppression Block (Cat. No. 1492-LD4SS)

Provides a convenient means of incorporating transient suppression for relays, contactors and solenoids into a control system.



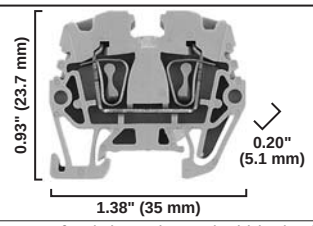
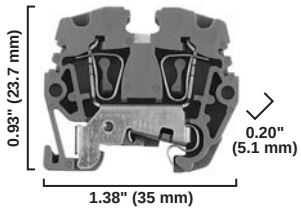
- **Test Blocks** for allowing a bank of pluggable terminal strips to be easily connected for test purposes
- A wide variety of snap-in markers are available for individual or group circuit identification
- A broad offering of accessories such as screwless end retainers, electrical warning plates, end barriers, protective stops and test plugs to provide exactly what the application requires
- Operating instructions (printed on an adhesive label), for fixing inside a panel
- **Mini-blocks** available in rail-mount or panel-mount configurations

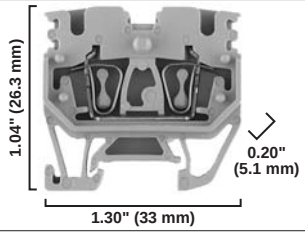
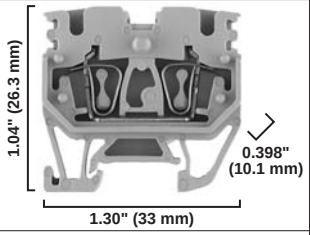
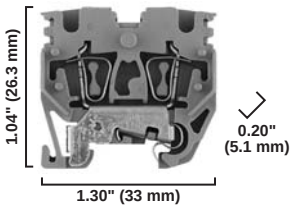
Materials and Design Features

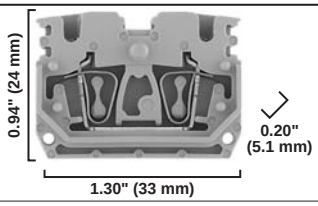
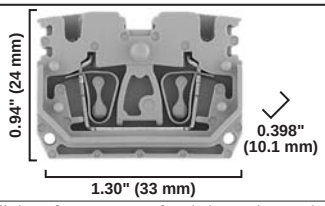
The 1492-L line is specially designed for safety, installation ease, and ruggedness. Features include:

- Tin-plated terminals and stainless steel spring clamps for resistance to corrosion and vibration
- Spring clamp design to minimize stress relaxation and maintain contact force, even under vibration
- Top wire entry for ease of installation
- Circuit testing with standard 2 mm diameter test probe or stackable test plugs on most spring-clamp blocks
- Insulation stops to ensure electrical connection when using smaller gauge wires
- Markers that are visible after terminal blocks are wired
- Multiple marking options
- Common profiles to minimize stocking of accessories
- Self-extinguishing, polymide 6.6 housing materials with a flammability rating UL 94-V0 (1492-R terminal blocks have a UL 94-V2 flammability rating)
- Screwless center jumpers to simplify jumpering terminals together

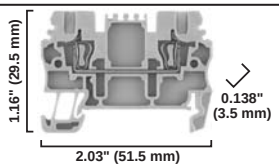
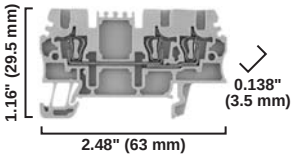
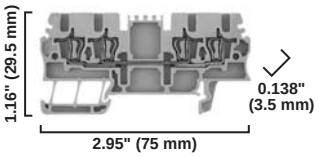
Note: To ensure proper wire termination, these blocks are designed to accept only **one** wire per terminal.

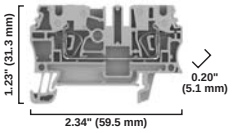
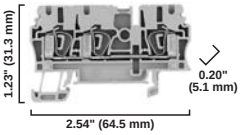
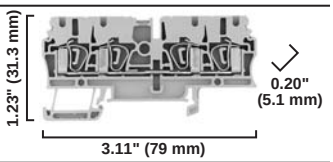
	1492-LMJ3				1492-LMJG3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.							
Specifications	*Mini rail-mount, feed-through terminal block with jumper capability*				*Mini rail-mount grounding terminal block*		
Certifications		CSA	IEC	ATEX		CSA	IEC
Voltage Rating	600V AC/DC		500V AC/DC	275V AC/DC	—	—	—
Maximum Current	20 A		24 A	20 A	Grounding		
Wire Range (Rated Cross Section)	#26…12 AWG		2.5 mm²	#20…12 AWG	#26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				–58…+248 °F (–50…+120 °C)		

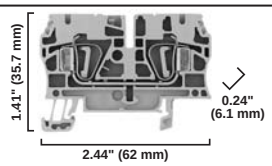
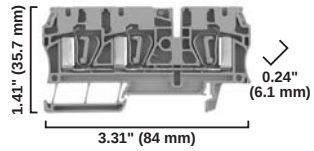
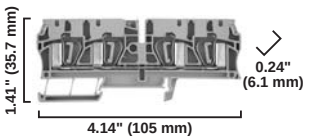
	1492-LM3			1492-LM3Q			1492-LMG3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Mini rail-mount, feed-through terminal block*			*Mini rail-mount, feed-through terminal block with 2 connection points on each side*			*Mini rail-mount grounding terminal block*		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC	600V AC/DC		800V AC/DC	—	—	—
Maximum Current	20 A	25 A	24 A	20 A	25 A	24 A	Grounding		
Wire Range (Rated Cross Section)	#26…12 AWG		2.5 mm²	#26…12 AWG		2.5 mm²	#26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)			30 pcs/ft (99 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

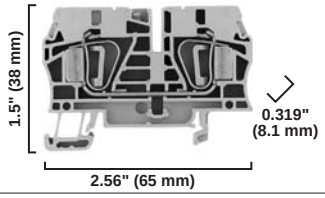
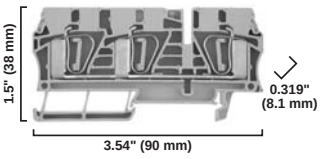
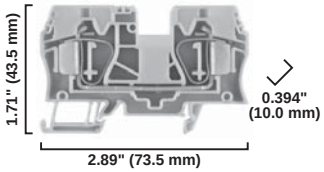
	1492-LMP3			1492-LMP3Q		
Dimensions are not intended to be used for manufacturing purposes. **Note:** One end block and one end barrier or two end barriers must be used on each end of a terminal bank to provide mounting slots.						
Specifications	*Mini surface mount feed-through terminal block*			*Mini surface mount, feed-through terminal block with 2 connection points on each side*		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC	600V AC/DC		800V AC/DC
Maximum Current	20 A	25 A	24 A	20 A	25 A	24 A
Wire Range (Rated Cross Section)	#26…12 AWG		2.5 mm²	#26…12 AWG		2.5 mm²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)			30 pcs/ft (99 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

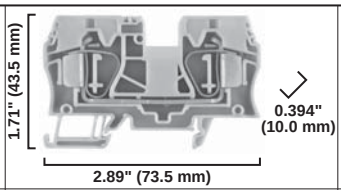
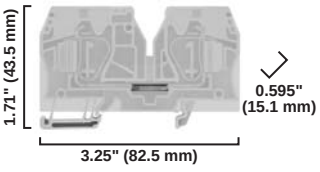
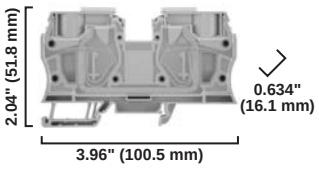
Mini-Blocks, Interlocking, 600V UL Rated

	1492-L2				1492-L2T				1492-L2Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through terminal block*				*Feed-through terminal block with 2 connection points on one side*				*Feed-through terminal block with 2 connection points per side*			
Certifications		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**
Voltage Rating	300V AC/DC		500V AC/DC	550V AC/DC	300V AC/DC		500V AC/DC	550V AC/DC	300V AC/DC		500V AC/DC	550V AC/DC
Maximum Current	15 A	20 A	17.5 A	15 A	15 A	20 A	17.5 A	15 A	15 A	20 A	17.5 A	15 A
Wire Range (Rated Cross Section)	#26…14 AWG		1.5 mm^2	1.5 mm^2	#26…14 AWG		1.5 mm^2	1.5 mm^2	#26…14 AWG		1.5 mm^2	1.5 mm^2
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				–58…+248 °F (–50…+120 °C)			

	1492-L3				1492-L3T				1492-L3Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through terminal block*				*Feed-through terminal block with 3 connection points, 2 on one side*				*Feed-through terminal block with 2 points on each side*			
Certifications		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	25 A	27 A	24 A	21 A	25 A	27 A	24 A	21 A	25 A	27 A	24 A	21 A
Wire Range (Rated Cross Section)	#30…12 AWG	#26…12 AWG	2.5 mm^2	2.5 mm^2 (20…12 AWG)	#30…12 AWG	#26…12 AWG	2.5 mm^2	2.5 mm^2 (20…12 AWG)	#30…12 AWG	#26…12 AWG	2.5 mm^2	2.5 mm^2 (20…12 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				–58…+248 °F (–50…+120 °C)			

	1492-L4				1492-L4T				1492-L4Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through terminal block*				*Feed-through terminal block with 3 connection points, 2 on one side*				*Feed-through terminal block with 2 connection points on each side*			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	33 A	35 A	32 A	28 A	33 A	35 A	32 A	28 A	33 A	35 A	32 A	28 A
Wire Range (Rated Cross Section)	#26…10 AWG		4 mm^2	4 mm^2 (20… 10 AWG)	#26…10 AWG		4 mm^2	4 mm^2 (20… 10 AWG)	#26…10 AWG		4 mm^2	4 mm^2 (20… 10 AWG)
Wire Strip Length	0.47 in. (12 mm)				0.47 in. (12 mm)				0.47 in. (12 mm)			
Density	49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

	1492-L6				1492-L6T				1492-L10			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through terminal block*				*Feed-through terminal block with 2 connection points on one side*				*Feed-through terminal block*			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	50 A		41 A	36 A	50 A		41 A	36 A	60 A	55 A	57 A	50 A
Wire Range (Rated Cross Section)	#22…8 AWG	#20… 8 AWG	6 mm^2	6 mm^2 (20… 8 AWG)	#22…8 AWG	#20… 8 AWG	6 mm^2	6 mm^2 (#20… 10 AWG)	#16…6 AWG		10 mm^2	10 mm^2 (16… 8 AWG)
Wire Strip Length	0.51 in. (13 mm)				0.51 in. (13 mm)				0.70 in. (18 mm)			
Density	37 pcs/ft (123 pcs/m)				37 pcs/ft(123 pcs/m)				30 pcs/ft (99 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

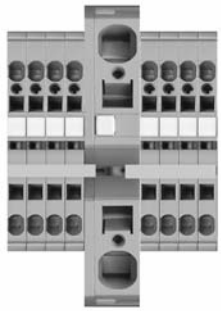
	1492-L16				1492-L16D*			1492-L35			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-through terminal block*				*Power distribution block with center jumper connection/feed*			*Feed-through terminal block*			
Certifications		CSA	IEC	ATEX		CSA	IEC		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		500V AC/DC	600V AC/DC		800V AC/DC	690V AC/DC
Maximum Current	65 A		76 A	66 A	65 A		76 A	120 A		125 A	109 A
Wire Range (Rated Cross Section)	#14…4 AWG		16 mm^2	16 mm^2 (16… 6 AWG)	#14…4 AWG		16 mm^2	#12…2 AWG		35 mm^2	35 mm^2 14…2 AWG
Wire Strip Length	0.70 in. (18 mm)				0.70 in. (18 mm)			0.98 in. (25 mm)			
Density	25 pcs/ft (82 pcs/m)				20 pcs/ft (66 pcs/m)			18 pcs/ft (62 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			

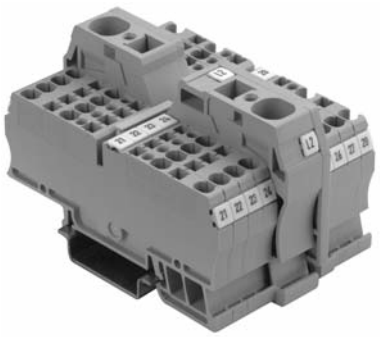
Feed Left:

Feed Right:

The Cat. No. 1492-L16D feed terminal allows wires with a cross section from 4…14 AWG and up to 16 mm² to be used. Using standard cross connections, the potential can be distributed to any number of terminals with smaller cross sections. The following tables show some variants for potential distribution of the supply, the required cross connection, and the maximum current. The maximum current for the single terminal block must not be exceeded.

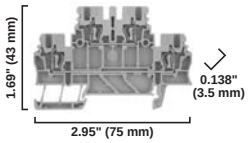
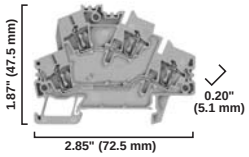
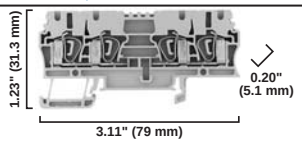
Feed Middle:

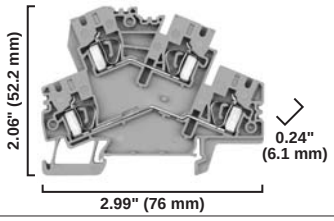
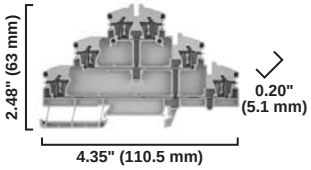


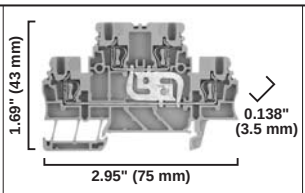
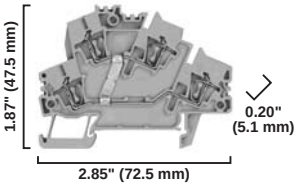
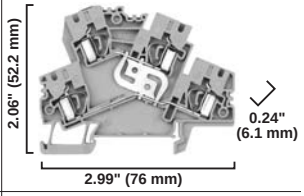


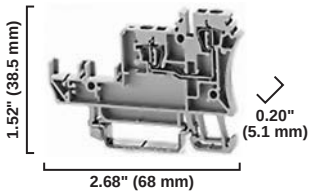
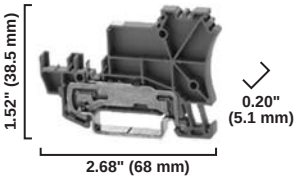
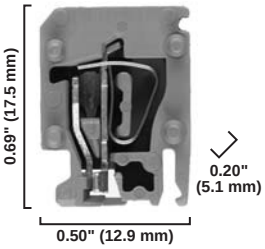
Feed Left				Feed Middle				Feed Right			
Feed Terminal	Feed	I_{max}	Jumper	Feed Terminal	Feed	I_{max}	Jumper	Feed Terminal	Feed	I_{max}	Jumper
1492-L3	4…14 AWG (16 mm²)	62 A	1492-CJK5-∗	1492-L3	#4…14 AWG (16 mm²)	76 A	1492-CJK5-∗	1492-L3	#4…14 AWG (16 mm²)	62 A	1492-CJK5-∗
1492-L3Q		62 A	1492-CJK5-∗	1492-L3Q		76 A	1492-CJK5-∗	1492-L3Q		62 A	1492-CJK5-∗
1492-L4		76 A	1492-CJK6-∗	1492-L4		76 A	1492-CJK6-∗	1492-L4		76 A	1492-CJK6-∗
								1492-L4T		76 A	1492-CJK6-∗
								1492-L4Q		76 A	1492-CJK6-∗
1492-L6		76 A	1492-CJL8-∗	1492-L6		76 A	1492-CJL8-∗	1492-L6		76 A	1492-CJL8-∗
								1492-L6T		76 A	1492-CJL8-∗

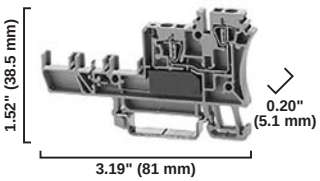
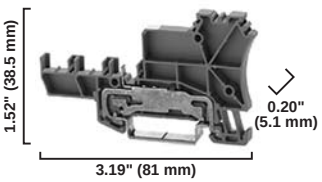
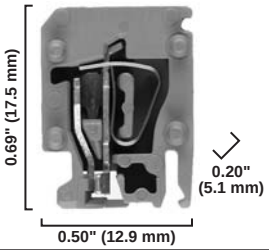
∗ See accessory section for availability of specific jumper pole configurations.

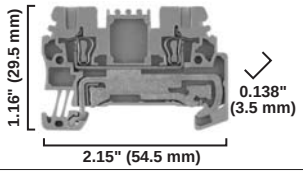
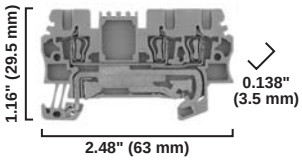
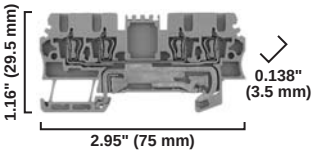
	1492-LD2			1492-LD3				1492-L3QS			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Two-circuit feed-through terminal block*			*Two-circuit feed-through terminal block*				*Side-by-side two circuit terminal block*			
Certifications		**CSA**	**IEC**		**CSA**	**IEC**	**ATEX**		**CSA**	**IEC**	**ATEX**
Voltage Rating	300V AC/DC	600V AC/DC	500V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	10 A		17.5 A	20 A	25 A	24 A	20 A	25 A	27 A	24 A	21 A
Wire Range (Rated Cross Section)	#28… 16 AWG		1.5 mm^2	#30… 12 AWG		2.5 mm^2	0.5…2.5 mm^2 (#20…14 AWG)	#26… 12 AWG		2.5 mm^2	2.5 mm^2 (20… 12 AWG)
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	87 pcs/ft (285 pcs/m)			59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

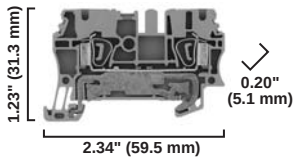
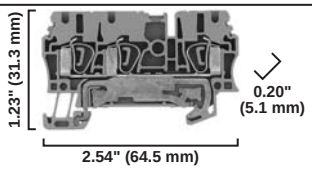
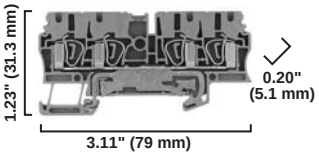
	1492-LD4			1492-LTF3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Two-circuit feed-through terminal block*			*Three-circuit feed-through terminal block with multiple cross connection points*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	600V AC/DC		800V AC/DC	300V AC/DC		500V AC/DC
Maximum Current	25 A	30 A	32 A	15 A		20 A
Wire Range (Rated Cross Section)	#26…10 AWG		4 mm^2	#26…12 AWG		2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	49 pcs/ft (163 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

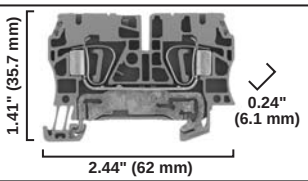
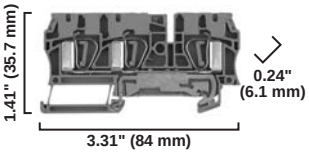
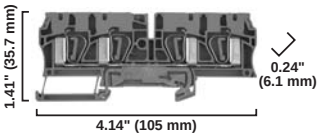
	1492-LD2C			1492-LD3C				1492-LD4C		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.										
Specifications	*Two-level feed-through terminal block with commoning bar*			*Two-level feed-through terminal block with commoning bar*				*Two-level feed-through terminal block with commoning bar*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	ATEX	cULus	CSA	IEC
Voltage Rating	300V AC/DC	600V AC/DC	500V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC
Maximum Current	10 A		17.5 A	20 A	25 A	24 A	22 A	25 A	30 A	32 A
Wire Range (Rated Cross Section)	#28…16 AWG		1.5 mm²	#30…12 AWG		2.5 mm²	0.5…2.5 mm² (#20…14 AWG)	#26…10 AWG		4 mm²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)				0.39 in. (10 mm)		
Density	87 pcs/ft (285 pcs/m)			59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)		

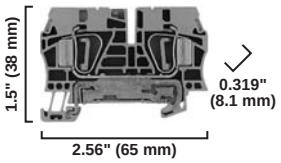
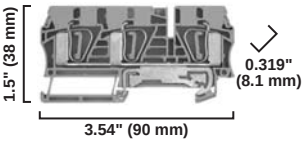
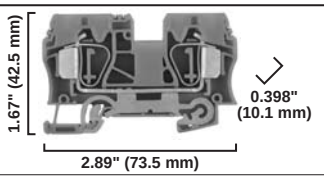
	1492-LS2-3∗ 1492-LS2-3L∗			1492-LSG2-3∗			1492-LS2-BR 1492-LS2-B 1492-LSG2		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*3 conductor sensor block base for plug in distribution blocks*			*3 conductor sensor ground block base for plug in distribution blocks*			*Plug in Distribution blocks — internally jumpered*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating (without LED)	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Voltage Rating (with LED)	5…30V AC/DC			—			5…30V AC/DC		
Maximum Current	10 A		17.5 A	10 A		17.5 A	10 A		17.5 A
Wire Range (Rated Cross Section)	#26…14 AWG		1.5 mm²	#26…14 AWG		1.5 mm²	#26…14 AWG		1.5 mm²
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

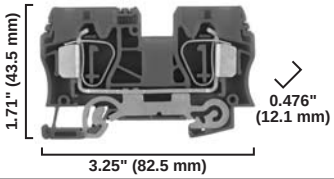
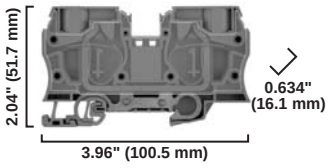
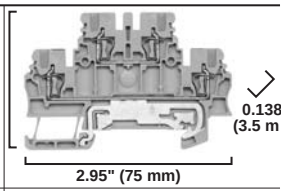
	1492-LS2-4★ 1492-LS2-4L★			1492-LSG2-4★			1492-LS2-BR 1492-LS2-B 1492-LSG2		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*4 conductor sensor block base for plug in distribution blocks*			*4 conductor sensor ground block base for plug in distribution blocks*			*Plug In Distribution blocks — internally jumpered*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating (without LED)	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Voltage Rating (with LED)	5…30V AC/DC			—			5…30V AC/DC		
Maximum Current	10 A		17.5 A	10 A		17.5 A	10 A		17.5 A
Wire Range (Rated Cross Section)	#26…14 AWG		1.5 mm^2	#26…14 AWG		1.5 mm^2	#26…14 AWG		1.5 mm^2
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.28 in. (7 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

	1492-LG2				1492-LG2T				1492-LG2Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block with 2 points on one side*				*Feed-through grounding terminal block with 2 points on each side*			
Certifications	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#26…14 AWG		1.5 mm^2	1.5 mm^2 (20… 16 AWG)	#26…14 AWG		1.5 mm^2	1.5 mm^2 (20… 16 AWG)	#26…14 AWG		1.5 mm^2	1.5 mm^2 (20… 16 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

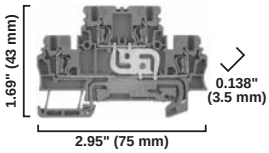
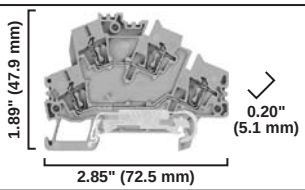
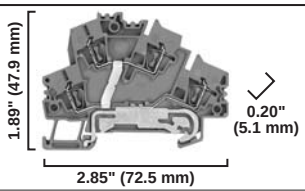
	1492-LG3				1492-LG3T				1492-LG3Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block with 2 points on one side*				*Feed-through grounding terminal block with 2 points on each side*			
Certifications	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#30…12 AWG	#26…12 AWG	2.5 mm²	2.5 mm² (20…12 AWG)	#30…12 AWG	#26…12 AWG	2.5 mm²	2.5 mm² (20…12 AWG)	#30…12 AWG	#26…12 AWG	2.5 mm²	2.5 mm² (20…12 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

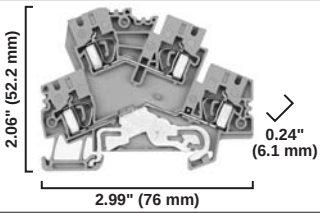
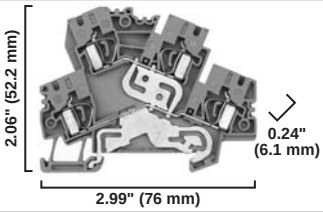
	1492-LG4				1492-LG4T				1492-LG4Q			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block with 2 points on one side*				*Feed-through grounding terminal block with 2 points on each side*			
Certifications	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#26…10 AWG		4 mm²	4 mm² (20…10 AWG)	#26…10 AWG		4 mm²	4 mm² (20…12 AWG)	#26…10 AWG		4 mm²	4 mm² (20…12 AWG)
Wire Strip Length	0.47 in. (12 mm)				0.47 in. (12 mm)				0.47 in. (12 mm)			
Density	49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

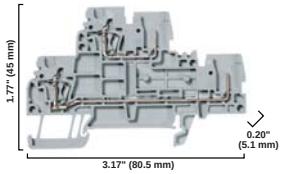
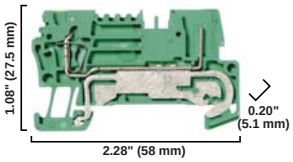
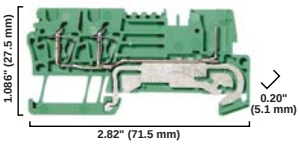
	1492-LG6				1492-LG6T				1492-LG10			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.												
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block with 2 points on one side*				*Feed-through grounding terminal block*			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#22…8 AWG	#20…8 AWG	6 mm^2	6 mm^2 (20… 8 AWG)	#22…8 AWG	#20…8 AWG	6 mm^2	6 mm^2 (20… 10 AWG)	#16…6 AWG		10 mm^2	10 mm^2 (16… 8 AWG)
Wire Strip Length	0.51 in. (13 mm)				0.51 in. (13 mm)				0.70 in. (18 mm)			
Density	37 pcs/ft (123 pcs/m)				37 pcs/ft (123 pcs/m)				30 pcs/ft (99 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

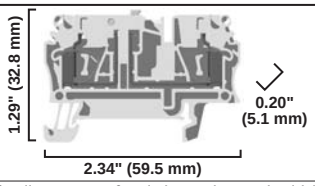
	1492-LG16				1492-LG35				1492-LDG2		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Feed-through grounding terminal block*				*Feed-through grounding terminal block*				*Two-circuit terminal block with 1 feed-through and 1 ground circuit*		
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC
Voltage Rating	—	—	—	—	—	—	—	—	300V AC/DC		500V AC/DC
Maximum Current	Grounding				Grounding				10 A		17.5 A
Wire Range (Rated Cross Section)	#14…6 AWG	#14…4 AWG	16 mm^2	16 mm^2 (16… 6 AWG)	#12…2 AWG		35 mm^2	35 mm^2 (#14…2 AWG)	#28…16 AWG		1.5 mm^2
Wire Strip Length	0.70 in. (18 mm)				0.98 in. (25 mm)				0.31 in. (8 mm)		
Density	25 pcs/ft (82 pcs/m)				18 pcs/ft (62 pcs/m)				87 pcs/ft (285 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)				–58…+248 °F (–50…+120 °C)		

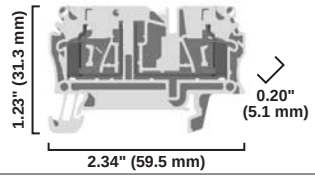
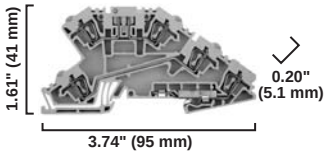
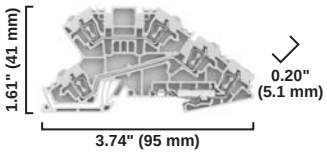
Grounding Blocks

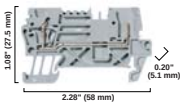
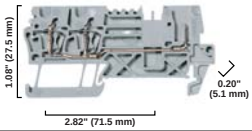
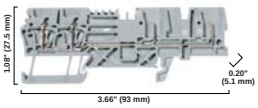
	1492-LDG2C			1492-LDG3				1492-LDG3C			
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.											
Specifications	*Single-circuit, two-level grounding terminal block with 2 connection points on each side*			*Two-circuit grounding terminal block with 1 feed-through and 1 ground circuit*				*Single-circuit, two-level grounding terminal block with 2 connection points on each side*			
Certifications	cULus	CSA	IEC	cULus	CSA	IEC	ATEX	cULus	CSA	IEC	ATEX
Voltage Rating	—	—	—	600V AC/DC		800V AC/DC	550V AC/DC	—	—	—	—
Maximum Current	Grounding			20 A	25 A	24 A	20 A	Grounding			
Wire Range (Rated Cross Section)	#28…16 AWG		1.5 mm^2	#26…12 AWG	#30…12 AWG	2.5 mm^2	0.5…2.5 mm^2 (#20…14 AWG)	#26…12 AWG	#30…12 AWG	2.5 mm^2	0.5…2.5 mm^2 (20…14 AWG)
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	87 pcs/ft (285 pcs/m)			59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)			
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)				-58…+248 °F (-50…+120 °C)			

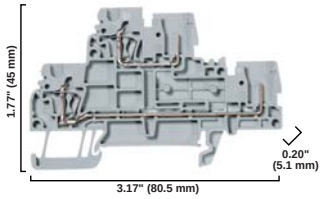
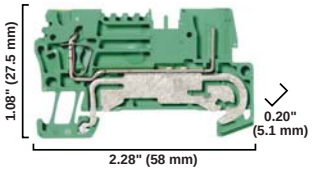
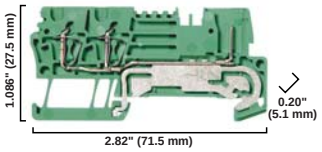
	1492-LDG4			1492-LDG4C		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Two-circuit grounding terminal block with 1 feed-through and 1 ground circuit*			*Single-circuit, two-level grounding terminal block with 2 connection points on each side*		
Certifications	cULus	CSA	IEC	cULus	CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC	—	—	—
Maximum Current	25 A	30 A	32 A	Grounding		
Wire Range (Rated Cross Section)	#26…10 AWG		4 mm^2	#26…10 AWG		4 mm^2
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

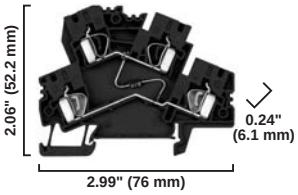
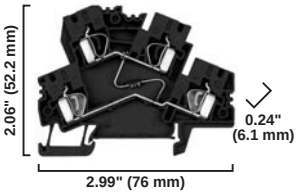
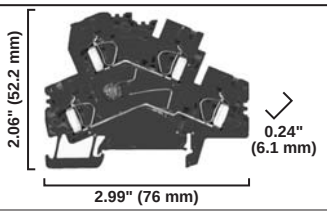
	1492-LD32P			1492-LG31P			1492-LG3T1P		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Two-circuit terminal block with 1 fixed and 1 plug-in connection on each level. Plug-in connectors can be individual or grouped configurations.*			*Single-circuit grounding terminal block with 1 fixed and 1 plug-in connection.*			*Single-circuit grounding terminal block with 2 fixed and 1 plug-in connection.*		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	—		—	—		—
Maximum Current	20 A		24 A	Grounding			Grounding		
Limited Rating - Voltage❄	600V AC/DC		—	—			—		
Limited Rating - Current❄	5 A		—	—			—		
Wire Range (Rated Cross Section)	26… 12 AWG		0.5…2.5 mm^2	26… 12 AWG		0.5…2.5 mm^2	26… 12 AWG		0.5…2.5 mm^2
Wire Strip Length	0.394 in (10 mm)			0.394 in (10 mm)			0.394 in (10 mm)		
Density (Blocks per ft/m)	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

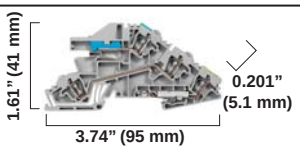
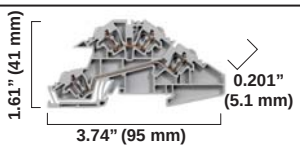
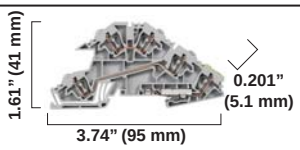
	1492-LKD3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Knife disconnect feed-through terminal block*		
Certifications		CSA	IEC
Voltage Rating	600V AC/DC		500V AC/DC
Maximum Current	20 A		24 A
Wire Range (Rated Cross Section)	#30…12 AWG		2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

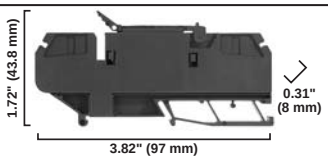
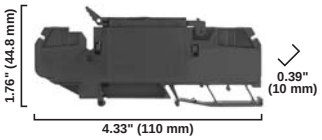
	1492-L3P			1492-LDG3P			1492-LDAG3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Single circuit plug-in component block for a variety of components*			*Terminal block with slot for plug-in component, feed-through circuit and 1 ground connection*			*Analog Loop Control Terminal Block with 2 Feed-Through Circuits and 1 Ground Connection*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	600V AC/DC		500V AC/DC	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	20 A		24 A	10 A		20 A	10 A		24 A
Wire Range (Rated Cross Section)	#30…12 AWG		4 mm^2	#26…12 AWG		2.5 mm^2	#26…12 AWG		2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

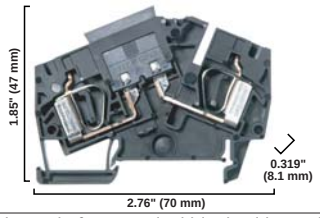
	1492-L31P			1492-L3T1P			1492-L3Q2P		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Single circuit terminal block with 1 fixed and 1 plug-in connection. Plug-in connectors can be individual or grouped configurations.*			*Single circuit terminal block with 2 fixed and 1 plug-in connection. Plug-in connectors can be individual or grouped configurations.*			*Single circuit terminal block with 2 fixed and 2 plug-in connections. Plug-in connectors can be individual or grouped configurations.*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Maximum Current	20 A		24 A	20 A		24 A	20 A		24 A
Limited Rating - Voltage‡	600V AC/DC		—	600V AC/DC		—	600V AC/DC	—	-
Limited Rating - Current‡	5 A		—	5 A		—	5 A	—	—
Wire Range (Rated Cross Section)	#26…12 AWG		0.5...2.5 mm^2	#26…12 AWG		0.5...2.5 mm^2	#26…12 AWG		0.5...2.5 mm^2
Wire Strip Length	0.394 in. (10 mm)			0.394 in. (10 mm)			0.394 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		

	1492-LD32P			1492-LG31P			1492-LG3T1P		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Two- circuit terminal block with 1 fixed and 1 plug-in connection. Plug-in connectors can be individual or grouped configurations.*			*Single circuit grounding terminal block with 1 fixed and 1 plug-in connection.*			*Single circuit grounding terminal block with 2 fixed and 1 plug-in connection.*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	300V AC/DC		500V AC/DC	—			—		
Maximum Current	20 A		24 A	Grounding			Grounding		
Limited Rating - Voltage❄	600V AC/DC		—	—			—		
Limited Rating - Current❄	5 A		—	—			—		
Wire Range (Rated Cross Section)	#26…12 AWG		0.5...2.5 mm²	#26…12 AWG		0.5...2.5 mm²	#26…12 AWG		0.5...2.5 mm²
Wire Strip Length	0.394 in. (10 mm)			0.394 in. (10 mm)			0.394 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)			–58…+248 °F (–50…+120 °C)		

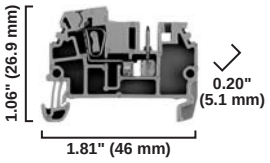
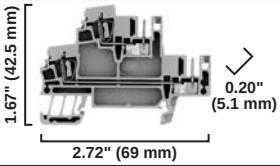
	1492-LD4DF			1492-LD4DR			1492-LD4SS⁎		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*Two-level terminal block with an IN4007 diode in forward bias between the 2 levels.*			*Two-level terminal block with an IN4007 diode in reverse bias between the 2 levels.*			*Two level terminal block with an MOV between the 2 levels.*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	600V AC/DC		500V AC/DC	600V AC/DC		500V AC/DC	600V AC/DC	600V AC/DC	140V AC/DC
Maximum Current	25 A	30 A	32 A	25 A	30 A	32 A	120V	—	
Component Current/Wattage Rating⁎	1 A			1 A			25 A	30 A	32 A
Wire Range (Rated Cross Section)	#26…10 AWG		4 mm²	#26…10 AWG		4mm²	#26…10 AWG	26…10 AWG	4mm²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)			–58…+248 °F (–50…+120 °C)		

	1492-LDG3ND			1492-LD3N			1492-LDG3N		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.									
Specifications	*3-Level terminal block with neutral disconnect and ground connection*			*2-Level feed-through terminal block for installation applications*			*3-Level terminal block with 2 feed-through and ground connection*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC
Maximum Current	15 A	10 A	24 A	15 A	10 A	24 A	15 A	10 A	24 A
Wire Range (Rated Cross Section)	#26…12 AWG		2.5 mm²	#26…12 AWG		2.5 mm²	#26…12 AWG		2.5 mm²
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 per ft/196 per meter		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)			-58...+248°F (-50...+120°C)		

		1492-RFB4…			1492-RAFB4…		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.							
Specifications		*Single-circuit fuse terminal block with or without blown fuse indicator*			*Single-circuit fuse terminal block with or without blown fuse indicator*		
Certifications			**cUR**	**IEC**		**cUR**	**IEC**
Maximum Current		15 A*	15 A*	15 A*	12 A	12 A	12 A
Wire Range (Rated Cross Section)		#22…12 AWG	#22…12 AWG	0.5…4 mm²	#22…12 AWG	#22…12 AWG	0.5…4 mm²
Voltage Rating	RFB4/RAFB4	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
	RFB424/RAFB424	10…57V AC/DC			10…57V AC/DC		
	RFB4250/RAFB4250	85…264V AC			85…264V AC		
Indicator Type	RFB4/RAFB4	Non-indicating			Non-indicating		
	RFB424/RAFB424	LED			LED		
	RFB4250/RAFB4250	LED			LED		
Leakage Current	RFB4/RAFB4	—			—		
	RFB424/RAFB424	2 mA @ 24V			2 mA @ 24V		
	RFB4250/RAFB4250	1 mA @ 264V			1 mA @ 264V		
Fuse Size (Not Supplied)		5 x 20 mm			1/4 x 1 -1/4 in.		
Wire Strip Length		0.47 in. (12 mm)			0.47 in. (12 mm)		
Density		37 pcs/ft (125 pcs/m)			30 pcs/ft (100 pcs/m)		
Insulation Temperature Range		-4…+140 °F (-20…+60 °C)			-4…+221 °F (-40…+105 °C)		

	1492-LAFB6		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Single-circuit automotive style fuse terminal block with or without LED blown fuse indication*		
Certifications		**CSA**	**IEC**
Voltage Rating -LAFB6	300V AC/DC		250V AC/DC
Voltage Rating -LAFB624	10…36V AC/DC		
Maximum Current	30 A	25 A	30 A
Wire Range (Rated Cross Section)	#22…12 AWG	#22… 10 AWG	0.5…6 mm^2
Wire Strip Length	0.394 in. (10 mm)		
Density	37 pecs/ft (123 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)		

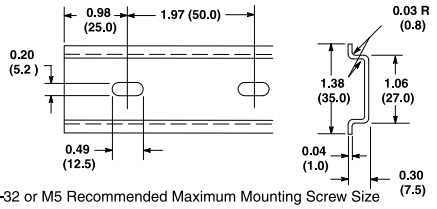
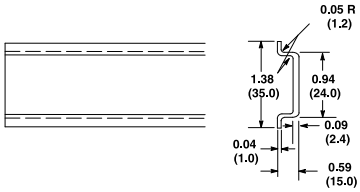
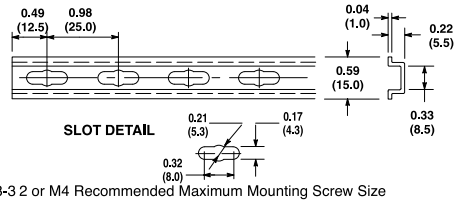
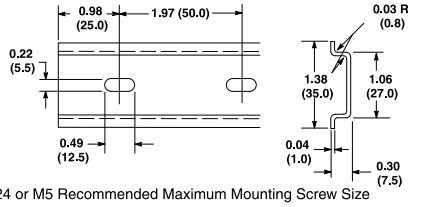
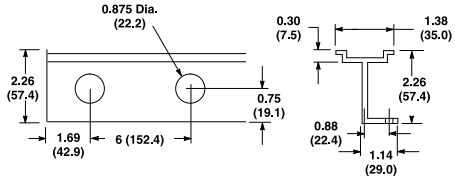
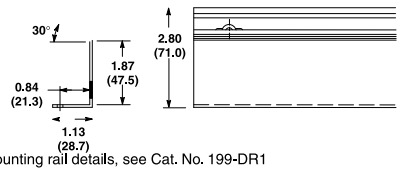
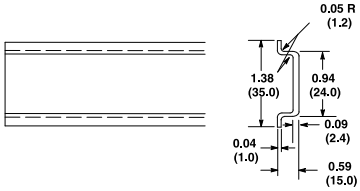
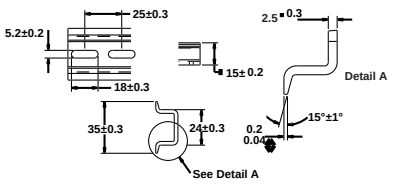
Plug-in Connection Blocks

	1492-LC3			1492-LDC3		
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.						
Specifications	*Feed-through terminal block with plug in comb connection on one side.*			*Two Circuit terminal block with plug in comb connection on one side of each circuit*		
Certifications		**CSA**	**IEC**		**CSA**	**IEC**
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	10 A		16 A	10 A		16 A
Wire Range (Rated Cross Section)	#26…12 AWG		2.5 mm^2	#26…14 AWG		2.5 mm^2
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58…+248 °F (-50…+120 °C)			-58…+248 °F (-50…+120 °C)		

Short-Circuit Current Ratings — Fuse Ratings

Cat. No.	Wire Cu [AWG]		Overcurrent Protection Fuse Required Class/Max. Amp Rating						Maximum Voltage	SCCR, RMS SYM [A]
	Line	Load	J	T	RK1	RK5	G	CC		
1492-L3	14…12	14…12	30	30	—	—	30	30	600	100,000
1492-L3Q										
1492-L3T										
1492-LD3										
1492-L3QS										
1492-LMJ3										
1492-LMJG3										
1492-LKD3										
1492-L3P										
1492-LG3T										
1492-LG3Q										
1492-LG3										
1492-LD3C										
1492-LDG3C										
1492-LDG3										
1492-LC3	14…12	14…12	30	30	—	—	30	30	300	100,000
1492-LDC3										
1492-LDG3P										
1492-LDG3ND										
1492-LDG3N										
1492-LD3N										
1492-LD31P										
1492-LD3Q2P										
1492-LG31P										
1492-LG3T1P										
1492-L3T1P										
1492-LDG3FB										
1492-L4	14…10	14…10	60	60	30	—	30	30	600	100,000
1492-L4Q										
1492-L4T										
1492-LD4										
1492-LD4C										
1492-LG4										
1492-LG4T										
1492-LG4Q										
1492-LD4DFX2										
1492-L6	14…8	14…8	60	60	30	—	60	30	600	100,000
1492-L6T										
1492-LG6										
1492-LG6T										
1492-LAFB6	14…8	14…8	60	60	30	—	60	30	300	100,000
1492-L10	14…6	14…6	100	100	60	30	60	30	600	100,000
1492-LG10										
1492-L16	14…4	14…4	100	100	60	30	60	30	600	100,000
1492-LG16										
1492-L35	12…2	12…2	200	200	100	30	60	30	600	100,000
1492-LG35										

Mounting Rails

Cat. No.	Description	Pkg Qty.	Dimensions★
199-DR1 	Symmetrical Rail 35 mm x 7.5 mm 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #3**	10	 #10–32 or M5 Recommended Maximum Mounting Screw Size
199-DR2	Same as Cat. No. 199-DR1, but length = 2 m	20	
199-DR4 	Heavy Duty Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #3**	5	
1492-DR3 	Mini 15 mm x 5.5 mm Rail 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #2**	5	 #8-3 2 or M4 Recommended Maximum Mounting Screw Size
1492-DR5 	Symmetrical Rail 35 mm x 7.5 mm 3.28 ft (1 m) long Copper-Free Aluminum EN60715 For Bul. 1492 Terminal Blocks Only **DIN #3**	10	 #12–24 or M5 Recommended Maximum Mounting Screw Size
‡ **1492-DR6** 	Symmetrical Rail 35 mm x 7.5 mm 2.26 in. (57.4 mm) high 3.28 ft (1 m) long Copper-Free Aluminum For Bul. 1492 Terminal Blocks Only **DIN #3**	2	 Wire insulator plug for wire access through rail — use Heyco UB875
‡ **1492-DR7** 	Symmetrical Rail 35 mm x 7.5 mm 2.80 in. (71.0 mm) high 3.28 ft (1 m) long Angled 30° Zinc-Plated, Chromated Steel **DIN #3**	2	 For mounting rail details, see Cat. No. 199-DR1
1492-DR8 	Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Copper EN60715 **DIN #3**	5	
§ **1492-DR9** 	Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #3**	5	

★ Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.
‡ 0.218 x 0.50 in. (5.5 x 12.7 mm) slotted mounting holes every 3 in. (76.2 mm) starting 1.69 in. (42.9 mm) from end.
§ Dimensions in millimeters.

End Barriers

End barriers are required to provide the necessary insulation for the last terminal block in a group.

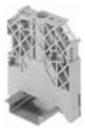
Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.08 x 1.14 x 2.03 in. (2 x 28.9 x 51.5 mm)	1492-L2, LG2	Grey	50	**1492-EBL2**
		Blue	50	**1492-EBL2-B**
		Yellow	50	**1492-EBL2-Y**
0.08 x 1.14 x 2.48 in. (2 x 28.9 x 63 mm)	1492-L2T, LG2T	Grey	50	**1492-EBL2T**
		Blue	50	1492-EBL2T-B
		Yellow	50	**1492-EBL2T-Y**
0.08 x 1.14 x 2.95 in. (2 x 28.9 x 75 mm)	1492-L2Q, LG2Q	Grey	50	**1492-EBL2Q**
		Blue	50	**1492-EBL2Q-B**
		Yellow	50	1492-EBL2Q-Y
0.08 x 1.15 x 2.34 in. (2 x 29.1 x 59.5 mm)	1492-L3, LG3, LKD3, L3P	Grey	50	**1492-EBL3**
		Blue	50	**1492-EBL3-B**
		Yellow	50	**1492-EBL3-Y**
0.08 x 1.20 x 2.54 in. (2 x 30.6 x 64.5 mm)	1492-L3T, LG3T	Grey	50	**1492-EBL3T**
		Blue	50	**1492-EBL3T-B**
		Yellow	50	**1492-EBL3T-Y**
0.08 x 1.20 x 3.11 in. (2 x 30.6 x 79 mm)	1492-L3Q, L3QS, LG3Q	Grey	50	**1492-EBL3Q**
		Blue	50	**1492-EBL3Q-B**
		Yellow	50	**1492-EBL3Q-Y**
0.10 x 1.06 x 2.8 in. (2.5 x 27 x 71 mm)	1492-L31P, 1492-LG31P	Yellow	50	1492-EBL31P-Y
	1492-L3T1P, 1492-LG3T1P	Grey	50	1492-EBL3T1P
		Yellow	50	1492-EBL3T1P-Y
0.08 x 1.20 x 3.11 in. (2 x 30.6 x 79 mm)	1492-L3Q2P	Grey	50	1492-EBL3Q2P
0.10 x 1.76 x 3.17 in. (2.5 X 44.7 x 80.5)	1492-LD32P	Grey	50	1492-EBLD32P
0.08 x 1.37 x 2.44 in. (2 x 34.85 x 62 mm)	1492-L4, LG4	Grey	50	**1492-EBL4**
		Blue	50	**1492-EBL4-B**
		Yellow	50	**1492-EBL4-Y**
0.08 x 1.37 x 3.31 in. (2 x 34.85 x 84 mm)	1492-L4T, LG4T	Grey	50	**1492-EBL4T**
		Blue	50	1492-EBL4T-B
		Yellow	50	1492-EBL4T-Y
0.08 x 1.37 x 4.13 in. (2 x 34.85 x 105 mm)	1492-L4Q, LG4Q	Grey	50	**1492-EBL4Q**
		Blue	50	1492-EBL4Q-B
		Yellow	50	**1492-EBL4Q-Y**
0.08 x 1.45 x 2.56 in. (2 x 36.95 x 65 mm)	1492-L6, LG6	Grey	50	**1492-EBL6**
		Blue	50	1492-EBL6-B
		Yellow	50	**1492-EBL6-Y**
0.08 x 1.45 x 3.54 in. (2 x 36.95 x 90 mm)	1492-L6T, LG6T	Grey	50	**1492-EBL6T**
		Blue	50	1492-EBL6T-B
		Yellow	50	**1492-EBL6T-Y**
0.12 x 1.67 x 2.89 in. (3 x 42.5 x 73.5 mm)	1492-L10, LG10	Grey	20	**1492-EBL10**
		Blue	20	1492-EBL10-B
		Yellow	20	**1492-EBL10-Y**
0.12 x 1.71 x 3.25 in. (3 x 43.5 x 82.5 mm)	1492-L16, LG16	Grey	20	**1492-EBL16**
		Blue	20	1492-EBL16-B
		Yellow	20	**1492-EBL16-Y**
—	1492-LAFB6	Black	50	**1492-EBLAFB6**
0.08 x 1.65 x 2.95 in. (2 x 41.9 x 75 mm)	1492-LD2, LDG2, LD2C, LDG2C	Grey	50	**1492-EBLD2**
		Blue	20	1492-EBLD2-B
		Yellow	20	1492-EBLD2-Y
0.08 x 1.87 x 2.85 in. (2 x 47.5 x 72.5 mm)	1492-LD3, LD3C, LDG3, LDG3C	Grey	20	**1492-EBLD3**
		Blue	20	1492-EBLD3-B
		Yellow	20	**1492-EBLD3-Y**
0.08 x 2.05 x 2.99 in. (2 x 52 x 76 mm)	1492-LD4, LD4C, LDG4, LDG4C, LD4DF, LD4DR, LD4RB…, LD4SS	Grey	20	**1492-EBLD4**
		Blue	20	**1492-EBLD4-B**
		Yellow	20	1492-EBLD4-Y

End Barriers

Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.20 x 0.94 x 1.31 in. (5.1 x 23.8 x 33.3 mm)	1492-LMP3, LMP3Q	Grey	50	**1492-EBLMP3**
		Blue	50	1492-EBLMP3-B
0.20 x 0.94 x 1.31 in. (5.1 x 23.8 x 33.3 mm)	1492-LM3, LM3Q, LMG3, LMP3E, LMP3QE	Grey	50	**1492-EBLM3**
0.06 x 0.97 x 1.38 in. (1.5 x 24.65 x 35 mm)	1492-LMJ3, LMJG3	Grey	50	**1492-EBLMJ3**
		Blue	50	1492-EBLMJ3-B
		Yellow	50	1492-EBLMJ3-Y
0.06 x 2.32 x 4.35 in. (1.5 x 59 x 110.5 mm)	1492-LTF3	Grey	20	**1492-EBLTF3**
0.06 x 2.69 x 1.77 in. (5 x 68.5 x 45 mm)	1492-LS2-3, LS2-3L, LSG2-3		50	**1492-EBLS2-3**
0.20 x 3.2 x 1.77 in. (5 x 81.5 x 45 mm)	1492-LS2-4, LS2-4L, LSG2-4		50	**1492-EBLS2-4**
0.06 x 1.81 x 3.74 in. (1.5 x 46 x 95 mm)	1492-LDAG3, LDG3P		20	**1492-EBLDAG3**
0.10 x 1.04 x 1.81 in. (2.5 x 26.4 x 46 mm)	1492-LC3		20	**1492-EBLC3**
0.10 x 1.65 x 2.72 in. (2.5 x 41.85 x 69 mm)	1492-LDC3		20	1492-EBLDC3
—	1492-LDG3ND, LD3N, LDG3N	Grey	20	**1492-BSPJLD3N**
—	1492-LDG3ND, LD3N, LDG3N	Blue	20	1492-BSPJLD3N-B

End Anchor/End Retainers

End anchors and end retainers mount at both ends of a group of terminal blocks to add rigidity to the terminal assembly and prevent sliding along the rails.

Photo	Dimensions Width x Length x Height	Tightening Torque	Markers	For Use With	Color	Pkg Qty.	Cat. No.
	0.31 x 2.20 x 1.85 in. (8 x 56 x 47 mm)	4.4 lb•in (0.5 N•m)	1492-M7X12 1492-M8X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Grey	100	**1492-EAJ35**
	0.48 x 2.20 x 2.48 in. (12.2 x 56 x 63 mm)	4.4 lb•in (0.5 N•m)	1492-M7X12 1492-M5X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Grey	50	**1492-EAHJ35**
	0.31 x 1.06 x 1.06 in. (8 x 27 x 27 mm)	3.5 lb•in (0.9 N•m)	1492-M5X5	1492-DR3	Grey	50	**1492-EAJ15**
	0.24 x 2.19 x 1.63 in. (6 x 55.6 x 41.5 mm)	—	1492-M5X10 1492-M5X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Grey	20	**1492-ERL35**
	0.20 x 0.96 x 0.75 in. (5 x 24.5 x 19 mm)	—	1492-M5X10 1492-M5X5	1492-DR3	Grey	20	**1492-ERL15**

Partition Plates and Separation Plates

Partition plates allow visual and electrical separation of terminal groups and provide the necessary electrical spacing between adjacent insulated jumpers or between exposed ends of cut jumpers.

Separation plates consist of flexible thermoplastic material and are used between terminal blocks to isolate adjacent center jumpers both visually and electrically.

Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
Partition Plates				
0.118 x 3.15 x 2.48 in. (3 x 80 x 63 mm)	1492-JD3, JD3C, JD3F, JD3DF, JD3DR, JD3RC…, JD3SS	Grey	20	**1492-PPJD3**
0.005 x 3.54 x 2.51 in. (0.13 x 90.1 x 63.8 mm)	1492-JD3P…, JDG3P…	Beige	20	**1492-PPJD3P**
0.08 x 1.57 x 1.20 in. (2 x 40 x 30.5 mm)	1492-WM3, WM4, WMG3, WMG4	Grey	50	**1492-PPM3**
0.014 x 2.28 x 1.51 in. (0.35 x 58 x 38.3 mm)	1492-WMD1	Grey	50	**1492-PPMD1**
0.06 x 1.85 x 1.57 in. (1.5 x 47 x 40 mm)	1492-W3, W4, WG4	Grey	50	**1492-PP3**
0.06 x 2.17 x 1.81 in. (1.5 x 55 x 46 mm)	1492-W6, W10, W16S, W4TW, WG6, WG10S, WG16S	Grey	50	**1492-PP10**
0.014 x 2.88 x 1.85 in. (0.35 x 73.2 x 47.1 mm)	1492-WTF3…, WTS3…	Beige	50	**1492-PPTS3**
0.06 x 1.93 x 2.36 in. (1.5 x 49 x 60 mm)	1492-J3, J4, J6, J10, J2Q, J3TW, J3F, JG2Q, JG3, JG3TW, JKD3, JKD3TP, J3P, J3PTP, JTC3	Grey	20	**1492-EBJ16**
		Blue	20	**1492-EBJ16-B**
		Yellow	20	**1492-EBJ16-Y**
Separation Plates				
.014 x 1.76 x 1.57 in. (0.35 x 44.8 x 40.0 mm)	1492-W3, W4	Beige	50	**1492-SP3**
	All 1492-FPK2 Fuse Plugs	Beige	50	**1492-SPJ3**

Jumpers use the terminal block wire openings. Multi-pole jumpers can be cut into a smaller number of poles. Jumpers carry 100% of rated terminal block current. The back of IEC style jumpers are insulated with plastic. An adjacent partition plate provides the necessary electrical spacings between adjacent jumpers or between exposed ends of cut jumpers.

Center Jumpers — Screw Type

These center jumpers are insulated and are available in 2-…50-pole configurations. They mount with screws into the screw type terminal blocks.

Note: The following rules apply when going across different potentials with jumpers cut out:

- Always de-rate to 400V
- Always use a partition plate where a cut jumper strip may leave a live end exposed

Center Jumpers — Screwless Type

These center jumpers are insulated and are available in 2-…50-pole configurations. They mount without screws into the both Spring-Clamp terminal blocks and some screw terminal blocks.

Note: When using multiple screwless jumpers in 1492-J3, 1492-J2Q, or 1492-J4 terminal blocks, the following rules apply when going across different potentials with jumpers cut out:

- When using all 3 channels, or 2 side-by-side channels, de-rate to 125V
- When using 2 outside channels (leaving the center channel open), de-rate to 400V
- Always use a partition plate where a cut jumper strip may leave a live end exposed

Center Jumper Covers

Center jumper covers can be used as an extruded marking surface for circuit identification.

Center Jumper Configuration Plates

Photo	For Use With	Color	Pkg Qty.	Cat. No.
Center Jumper Spacer Plate				
	1492-L4 to 1492-L3Q, L3 1492-L6 to 1492-L3Q, L3	Grey	25	1492-LJS

Step-Down Distribution Jumpers

Photo	For Use With	Pkg Qty.	Cat. No.
	1492-J35 to 1492-J4 or J6	10	**1492-CJJ16SD68**
	1492-J16 to 1492-J4 or J6	10	**1492-CJJ12SD68**
	1492-J35 to 1492-J3	10	1492-CJJ16SD5
	1492-J16 to 1492-J3	10	1492-CJJ12SD5

Screw Type Center Jumpers

For Use With	Pkg Qty.	Cat. No.
1492-J3, JD3…, JDG3…, J2Q, J3TW, J3F, JD3F	50	**1492-CJJ5-2**
	50	**1492-CJJ5-3**
	50	**1492-CJJ5-4**
	20	**1492-CJJ5-10**
1492-J4, J4M	50	**1492-CJJ6-2**
	50	**1492-CJJ6-3**
	50	**1492-CJJ6-4**
	20	**1492-CJJ6-10**
1492-J6	50	**1492-CJJ8-2**
	50	**1492-CJJ8-3**
	50	**1492-CJJ8-4**
	20	**1492-CJJ8-10**
1492-J10	50	**1492-CJJ10-2**
	50	**1492-CJJ10-3**
	50	**1492-CJJ10-4**
	20	**1492-CJJ10-10**
1492-J16	20	**1492-CJJ12-2**
	20	**1492-CJJ12-3**
	20	**1492-CJJ12-4**
	10	**1492-CJJ12-10**
1492-J35	20	**1492-CJJ16-2**
	20	**1492-CJJ16-3**
	20	1492-CJJ16-4
	10	**1492-CJJ16-10**
1492-J50	10	**1492-CJJ18-2**
	10	1492-CJJ18-3
	10	1492-CJJ18-4
1492-J70	5	1492-CJJ20-2
	5	1492-CJJ20-3
	5	1492-CJJ20-4
1492-WM3	10	**1492-CJM5-2**
	10	**1492-CJM5-3**
	10	1492-CJM5-4
	10	1492-CJM5-5
	10	**1492-CJM5-10**
1492-W3, WM3, WR3, WTF3…, WTS3…	10	**1492-CJL5** (Link)
1492-WR3	5	**1492-CJD5-50**
	10	**1492-CJD5-2**
	10	**1492-CJD5-3**
	10	1492-CJD5-4
	10	1492-CJD5-5
	10	**1492-CJD5-10**

Note: Notching out one or more jumper poles, with the notched jumpers going across different potentials, will require de-rating to 400V.

For Use With	Pkg Qty.	Cat. No.
1492-WM4	5	**1492-CJD6-50**
	10	**1492-CJD6-2**
	10	**1492-CJD6-3**
	10	1492-CJD6-4
	10	1492-CJD6-5
	10	**1492-CJD6-10**
1492-WM4, W4TW	10	1492-CJLD6 (Link)
1492-W3	10	**1492-CJ5-2**
	10	**1492-CJ5-3**
	10	**1492-CJ5-10**
	20	**1492-CJCW5** (CJ Cover)★
1492-WTF3…, WTS3…	5	**1492-CJT5-50**
	10	**1492-CJT5-2**
	10	1492-CJT5-3
	10	1492-CJT5-4
	10	1492-CJT5-5
	10	**1492-CJT5-10**
1492-W4, W4TW	5	**1492-CJ6-50**
	10	**1492-CJ6-2**
	10	**1492-CJ6-3**
	10	**1492-CJ6-4**
	10	**1492-CJ6-5**
	10	**1492-CJ6-10**
1492-W4	10	**1492-CJL6** (Link)
1492-W4, W6, W10	20	**1492-CJCW6** (CJ Cover)
1492-W6	5	**1492-CJ7-40**
	10	**1492-CJ7-2**
	10	**1492-CJ7-3**
	10	**1492-CJ7-4**
	10	1492-CJ7-5
	10	**1492-CJ7-10**
1492-W6	10	1492-CJL7 (Link)
1492-W10	5	**1492-CJ8-40**
	10	**1492-CJ8-2**
	10	**1492-CJ8-3**
	10	1492-CJ8-4
	10	1492-CJ8-5
	10	**1492-CJ8-10**
1492-W10	10	**1492-CJL8** (Link)
1492-W16S	10	**1492-CJS11-2**
	10	**1492-CJS11-3**
	10	1492-CJS11-4
	10	**1492-CJS11-5**
	10	**1492-CJS11-10**

★ May only be used as a marking surface. May not be installed over center jumper.

Screwless Center Jumpers

For Use With	Color	Pkg Qty.	Cat. No.
1492-L2…, L2T, L2Q, LD2, LD2C	Yellow	60	**1492-CJL4-2**
		60	**1492-CJL4-3**
		60	**1492-CJL4-4**
		60	**1492-CJL4-5**
		20	**1492-CJL4-10**
1492-LM3, LC3, LDC3, LDAG3, LDG3P, JKD3…, J3P…, J3, J3TW (see Note)	Yellow	60	**1492-CJLJ5-2**
	Black	60	1492-CJLJ5-2-BL
	Yellow	60	**1492-CJLJ5-3**
	Yellow	60	**1492-CJLJ5-4**
		20	**1492-CJLJ5-5**
		20	**1492-CJLJ5-6**
		20	**1492-CJLJ5-7**
		20	**1492-CJLJ5-8**
		20	1492-CJLJ5-9
		20	**1492-CJLJ5-10**
	Red	20	**1492-CJLJ5-10-R**
	Black	20	**1492-CJLJ5-10-BL**
	Yellow	10	**1492-CJLJ5-50**
	Red	10	**1492-CJLJ5-50-R**
	Blue	10	1492-CJLJ5-50-B
	Black	10	**1492-CJLJ5-50-BL**
	White	10	**1492-CJLJ5-50-W**

For Use With	Pkg Qty.	Cat. No.
1492-RFB4	10	1492-CJR8-2
	10	1492-CJR8-3
	10	1492-CJR8-4
	10	1492-CJR8-5
	10	1492-CJR8-6
	10	1492-CJR8-7
	10	1492-CJR8-8
	10	1492-CJR8-9
	10	**1492-CJR8-10**
1492-RAFB4	10	1492-CJRA10-2
	10	1492-CJRA10-3
	10	1492-CJRA10-4
	10	1492-CJRA10-5

For Use With	Color	Pkg Qty.	Cat. No.
1492-J4, J4M (see Note)	Yellow	60	**1492-CJLJ6-2**
	Red	60	1492-CJLJ6-2-R
	Blue	60	1492-CJLJ6-2-B
	Black	60	1492-CJLJ6-2-BL
	Yellow	60	**1492-CJLJ6-3**
	Blue	60	1492-CJLJ6-3-B
	Black	60	1492-CJLJ6-3-BL
	Yellow	60	**1492-CJLJ6-4**
	Yellow	20	**1492-CJLJ6-10**
	Red	20	**1492-CJLJ6-10-R**
	Blue	20	**1492-CJLJ6-10-B**
	Black	20	**1492-CJLJ6-10-BL**
	Yellow	10	**1492-CJLJ6-41**
	Red	10	**1492-CJLJ6-41-R**
	Blue	10	1492-CJLJ6-41-B
	Black	10	1492-CJLJ6-41-BL
1492-L6, L6T, L16D	Yellow	60	**1492-CJL8-2**
		60	**1492-CJL8-3**
		60	**1492-CJL8-4**
		10	**1492-CJL8-32**
1492-L10	Yellow	25	**1492-CJL10-2**
1492-L16	Yellow	25	**1492-CJL12-2**
1492-L35	Yellow	10	**1492-CJL16-2**
1492-L3, L3T, L3Q, L3P, LD3, LD3C, LKD3, LTF3, LS2…, L16D	Yellow	60	**1492-CJK5-2**
		60	**1492-CJK5-3**
		60	**1492-CJK5-4**
		20	**1492-CJK5-5**
		20	**1492-CJK5-6**
		20	**1492-CJK5-7**
		20	**1492-CJK5-8**
		20	**1492-CJK5-9**
		20	**1492-CJK5-10**
		10	**1492-CJK5-50**
1492-L4, L4T, L4Q, LD4DF, LD4DR, LD4SS, LD4, LD4C, L16D	Yellow	60	**1492-CJK6-2**
		60	**1492-CJK6-3**
		60	**1492-CJK6-4**
		20	**1492-CJK6-5**
		20	**1492-CJK6-6**
		20	1492-CJK6-7
		20	**1492-CJK6-8**
		20	1492-CJK6-9
		20	**1492-CJK6-10**
		20	**1492-CJK6-20**

Side Jumpers

For Use With	Pkg Qty.	Cat. No.
1492-WM4, W4	50	**1492-N42**
1492-H4, H5, H6, H7	10	**1492-N49**
	10	★ **1492-SJS**
1492-W3, WR3	10	**1492-SJ5-10**
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	**1492-SJ5A-10**
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	**1492-SJ5A-24**
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	**1492-SJ5B-24**
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	**1492-SJ5B-10**
1492-WM4, W4, W4TW	10	‡ **1492-SJ6-10**
1492-JT3M	5	**1492-SJ6A-50**
1492-W10	10	**1492-SJ8-10**
1492-JD3FB, JDG3FB	50	**1492-SJ8A-4**
1492-JD3FB, JDG3FB	50	1492-SJ8A-3
1492-JD3FB, JDG3FB	50	1492-SJ8A-2
1492-LMP3, LMP3Q, LMJ3, LM3, LM3Q, LMP3E, LMP3QE	50	**1492-SJLM5-2**
1492-WMD1	10	§ **1492-SJMD5-12**
1492-WFB4, WFB424, WFB4250	10	**1492-SJFB8-10**
1492-WM3	10	**1492-SJM5-10**
1492-WTF3, WTS3, WTF3LP, WTS3LP, WTF3LP, WTF3LN, WTS3LN	10	**1492-SJT5-20-R**
1492-WTF3, WTS3, WTF3LP, WTS3LP, WTF3LP, WTF3LN, WTS3LN	10	**1492-SJT5-20-B**

Note: Side jumpers carry the same current rating as the terminal block used with it

★ Side jumper insulating sleeve only for use with Cat. No. 1492-N49

‡ Use jumper on single side of terminal block only

§ Uninsulated

Two-Level Jumper

For Use With	Pkg Qty.	Cat. No.
1492-LTF3 (Connects Two Levels within a 1492-LTF3 Terminal Block)	20	**1492-CJL5D**

Plugs and Other Accessories

Test plug sockets fit into the center bridge screw hole and allow easy connection of test plugs for circuit testing and troubleshooting.

Test Plugs — Spring-Clamp Terminal Blocks

2-…12-pole Quick Connection Euro style plugs.

Operating Instructions — Spring-Clamp Terminal Blocks

Cat. No. 1492-QCLABEL is an adhesive set of visual operating instructions that is intended for installation on the inside of a panel. It illustrates to maintenance personnel the correct operation of Spring-Clamp terminal blocks.

Insulation Stops — Spring-Clamp Terminal Blocks

Protective insulation stops prevent the insulation on conductors from being introduced into clamp and current bar area.

Test Plug Sockets, Test Plugs, Test Plug Adapters, and Test Adapters

Sockets★

Photo	Pkg Qty.	Cat. No.
	20	**1492-TPS23**
	50	**1492-TPS23L**
	50	1492-TPS4L

★ Required for testing Cat. No. 1492-J products with Cat. 1492-TP23 or 1492-TP40 test plugs.

Test Plugs

Photo	Pkg Qty.		Cat. No.
	20	‡	**1492-TP23**
	20	§	**1492-TP40**
	10	♣	**1492-TP28**
	25	♣	1492-TPCBM
	25	♣	1492-TPCMB

‡ Used in conjunction with Cat. No. 1492-TPS23 or 1492-TPS23L test sockets.
§ Used in conjunction with Cat. No. 1492-TPS4L socket.
♣ Used in conjunction with Cat. No. 1492-J4CTB terminal block.

Test Plug Adapters

Photo	Pkg Qty.	Cat. No.
	10	**1492-TA285**
	10	**1492-TA40**
	10	1492-TA40L
	25	1492-TPL5P

Test Plugs (Stackable)

Photo	Markers♣	Pkg Qty.	Cat. No.
	1492-M5X10, M5X5	25	**1492-TPJ5**
	1492-M5X10, M5X5	25	**1492-TPJ6**
	1492-M3X12, M3X5	25	**1492-TPL4**
	1492-M5X10, M5X5	25	**1492-TPL5**
	1492-M5X10, M5X5	25	1492-TPL6
	1492-M5X10, M5X5	25	1492-TPL8

♣ Marker cover screws.

Photo	Description	For Use With	Pkg Qty.	Cat. No.
	Jumper Notching Tool‡	1492-CJ…	1	**1492-T1**
	Unused Pin Cover on Connection Blocks	1492-JC3, JDC3	20	**1492-PCJC3**
	Disconnect Plug	1492-L3P, J3P…, JD3P…, JDG3P…, LD3R…	50	**1492-DPL**
	Plug-In Component Plug	1492-L3P, J3P…, JD3P…, JDG3P…, LD3R…	50	**1492-CPL**
 	Fuse Plug — without Blown Fuse Indication	1492-L3P, J3P…, JD3P..., JDG3P..., JP3, JPKD3, JPGKD3, JPGKD3TP, LD3R…, JP3FB..., JPG3FB...	20	Δ **1492-FPK2**
	Fuse Plug — 10…36V Blown Fuse Indication		20	Δ **1492-FPK224**
	Fuse Plug — 35…70V Blown Fuse Indication		20	Δ 1492-FPK248
	Fuse Plug — 60…150V Blown Fuse Indication		20	Δ **1492-FPK2120**
	Fuse Plug — 140…250V Blown Fuse Indication		20	Δ **1492-FPK2250**
	Fuse Lever — without indication	1492-JP3FB, JPG3FB, JPKD3, JPGKD3, JPGKD3TB	50	**1492-FJPK2**
	Fuse Lever w/LED — 10…36V		50	**1492-FJPK224**
	Fuse Lever w/LED — 35…70V		50	1492-FJPK248
	Fuse Lever w/LED — 60…150V		50	**1492-FJPK2120**
	Fuse Lever w/LED — 140…250V		50	**1492-FJPK2250**
	Mini-Block Jumper Insertion Tool§	1492-LM	1	1492-TAL5-2
	DIN Rail Adapter Plate for LMP3 Mini-Blocks	1492-LMP3	50	1492-MFLM
	Auxiliary Circuit Tap	1492-J50	5	1492-J50A
		1492-J70	5	**1492-J70A**
		1492-J120	5	1492-J120A
	Terminal Block screwdriver with hardened 3 mm diameter blade (Handle made from recycled material)	All 5…6 mm wide terminal blocks	5	**1492-N90**
	Wire cutting tool designed to attach directly to the shaft of the Cat. No. 1492-N90 screwdriver	1492-N90	1	**1492-KWC**

‡ Used to trim poles from center jumpers and side jumpers.
§ Used to install Cat. No. 1492-SJLM5-2 in mini blocks.
Δ Use 5 x 20 mm fuses and are rated for AC and DC.

Plug-In and Sensor Connection Blocks

Plug-In Connection Blocks ★

Photo	Wire Range	For Use With	Pkg Qty.	Cat. No.
	#22…12 AWG (2.5 mm²)	1492-JC3, JDC3, LC3, LDC3	100	**1492-QP5-2**
			100	**1492-QP5-3**
			100	**1492-QP5-4**
			50	**1492-QP5-5**
			50	**1492-QP5-6**
			50	1492-QP5-7
			50	**1492-QP5-8**
			50	**1492-QP5-9**
			50	**1492-QP5-10**
			50	1492-QP5-11
			50	**1492-QP5-12**

★ Tightening Torque: 3.5…4.4 lb•in. (0.4…0.5 N•m)

Sensor Connection Blocks

Photo	Wire Range	For Use With	Color	Pkg. Qty.	Cat. No.
	#26…14 AWG (1.5 mm²)	1492-LS2-3, LS2-3L, LSG2-3, LS2-4, LS2-4L, LSG2-4	Brown	100	**1492-LS2-BR**
			Blue	100	**1492-LS2-B**
			Green	100	**1492-LSG2**

Plug-In Connectors and Accessories for Flexible Configuration Blocks

Photo	Description	Color	Pkg. Qty.	Cat. No.
Individual Plug-in Connectors				
	Standard	Grey	50	1492-STP
	Grounded	Green	50	1492-STP-G
Ganged Connectors				
	Start plug	Grey	50	1492-SBSTP
	Middle plug	Grey	50	1492-GSTP
	End plug	Grey	50	1492-EBSTP
Accessories				
	Plug-in block locking element	Yellow	25	1492-STPLE
	Coding Element for keyed configuration	Yellow	50	1492-STPCE
	Strain Relief covering w plug-in blocks	Yellow	25	1492-STPSR

DIN Rail Receptacle

Convenient 15 A or 20 A power source designed to be installed in panels that will be used in North America and other locations that use the NEMA 5-15 socket (125V, 50/60 Hz).

Photo	Device Rating	Pkg Qty.	Cat. No.
Standard Duplex			
	15 A	1	**1492-REC15**
	20 A	1	1492-REC20
Ground Fault Circuit Interrupter (GFCI)			
	15 A	1	**1492-REC15G**
	20 A	1	**1492-REC20G**

Electrical Ratings			
		Standard Duplex	Ground Fault Circuit Interrupter (GFCI)
Certifications		c UL us LISTED	
		UL 508A, NEMA WD-6, NEMA 5-15R	
		UL498	UL 498, UL 943
Device Rating	15 A	15 Amp 125V	
	20 A	20 Amp 125V	
Operating Frequency		50/60 Hz	
Dielectric Voltage		Withstands 2000V per UL498	Withstands 1500V per UL498
Short-Circuit Current Rating		10 kA	10 kA
Environmental Ratings			
Operating Temperature Range		–31…+140 °F (–35…+60 °C)	
Storage Temperature Range		–13…+176 °F (–25…+80 °C)	
Mechanical Ratings			
Terminal Wire Sizes		#20…#10 AWG solid or stranded	
Terminal Torque		7 lb• in. (.79 N•m)	
Markers		1492-MS10X17	

Marking Solutions

Marking Solutions from Rockwell Automation enable efficient identification of terminal blocks and other components. The Allen-Bradley ClearMark™ Printer provides quality printing for high-volume users. The X-Y Plotter allows for flexible marking. Low-volume marking needs are supported by pre-printed and custom markers.

ClearMark Printer and Accessories

The ClearMark Printer provides quality printing in an easy-to-use format for high-volume marking needs. Used with AllenBradley ClearTools™ software, customers can create markers with basic numbering to sequences and images.

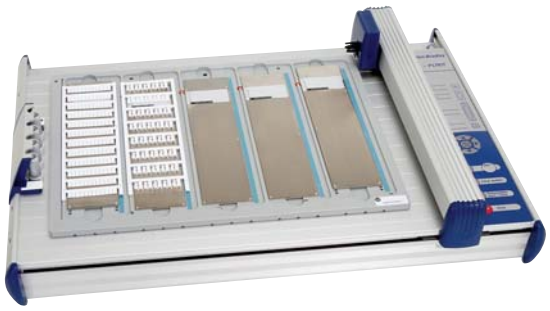
- Fast: Less than two minutes to print and set a full card
- Easy: Integrated feeder for up to 20 marker cards
- Low-maintenance: Will automatically cycle as needed to keep ink flowing
- Quality printing: 600 or 1200 dpi
- Color printing: Use spot color printing on white marker cards for visual distinction

System Requirements

- Operating system: Microsoft Windows 2000, XP or Vista
- Memory: 64 MB RAM
- Hard drive: 90 MB available space
- Processor: Pentium III or comparable
- Graphics: 800x600 pixels with 256 colors (ideal 1024x768 with 16-bit high color)

X-Y Plotter and Accessories

The flexible marking tool of the Allen-Bradley terminal block product line is the X-Y Plotter.



- Plot partial marker cards
- Load up to five cards at a time (mix and match)
- Easy to use AB-Plot software

System Requirements

- Operating system: Microsoft Windows 98, 2000, XP, or Vista
- Hard drive: 50 MB available space
- Processor: 80486
- Parallel or USB communication port

Blank Markers

Photo	For Use With	Markers per Card	Marker Size	Pkg Qty.	Cat. No.
Snap-In Individual Markers 1492-M	1492-L	100	3 x 5 mm	5	**1492-M3X5**
	1492-L	120	3 x 12 mm	5	**1492-M3X12**
	1492-J, L	200	5 x 5 mm	5	**1492-M5X5**
		144	5 x 8 mm	5	**1492-M5X8**
		144	5 x 10 mm	5	**1492-M5X10**
		144	5 x 12 mm	5	**1492-M5X12**
		96	5 x 15 mm	5	**1492-M5X15**
		20	5 x 30 mm	5	‡ **1492-M5X30**
	1492-J, L	200	6 x 5 mm	5	**1492-M6X5**
		120	6 x 10 mm	5	**1492-M6X10**
	1492-J, L, 1738 ArmorPoint™	120	6 x 12 mm	5	**1492-M6X12**
	1492-J, L	108	7 x 12 mm	5	**1492-M7X12**
		160	8 x 5 mm	5	**1492-M8X5**
	NEMA (1492-HM1, -HM2, -HM3) Terminal Blocks, 1492-CB Circuit Breakers	120	6 x 10 mm	5	**1492-MN81**
	NEMA (1492-HM3) Terminal Blocks, 1492-CB Circuit Breakers	40	10 x 10 mm	5	**1492-MN83**
	1492-W,R, 700-HA Relays	56	8 x 9 mm	5	**1492-MS8X9**
		56	8 x 12 mm	5	**1492-MS8X12**
	700-HN204, -HN205, Relay Sockets	40	8 x 17 mm	5	1492-MS8X17
	1667 PanelConnect™	40	9 x 20 mm	5	**1492-MS9X20**
	100-C, -D Contactors, 700-CF Relays, 140 Circuit Breakers, 193-E1, -E3	40	10 x 17 mm	5	**1492-MS10X17**
Snap-In Linked Markers 1492-MR	1492-J, -L	120	5 x 8 mm	5	**1492-MR5X8**
		120	6 x 8 mm	5	**1492-MR6X8**
		120	5 x 12 mm	5	**1492-MR5X12**
		120	6 x 12 mm	5	**1492-MR6X12**
		84	8 x 12 mm	5	**1492-MR8X12**
	1492-WM3, -WMD1	80	5 x 5 mm	5	**1492-MS5X5**
	1492-W, 700-HA, 800F Contact Block	80	5 x 9 mm	5	**1492-MS5X9**
	1492-W, 700-H Relays	80	5 x 12 mm	5	**1492-MS5X12**
	1492-W, -R, 700-H Relays	80	6 x 9 mm	5	**1492-MS6X9**
	1492-W, 700-H Relays	80	6 x 12 mm	5	**1492-MS6X12**
Snap-In Hinged Markers	1492-L	96	5 x 10 mm	5	**1492-MH5X10**
		96	5 x 15 mm	5	**1492-MH5X15**
		80	6 x 12 mm	5	**1492-MH6X12**
Cable Markers 1492-MW	**External Diameter (mm)**	**Markers per Card**	**Marker Size**	**Pkg. Qty.**	**Cat. No.**
	from 0.276 in. (from 7.0 mm)	32	9 x 24 mm★	5	**1492-MW9X24**
	from 0.276 in. (from 7.0 mm)	32	5 x 23 mm★	5	1492-MW10X23
	from 0.276 in. (from 7.0 mm)	32	8 x 23 mm★	5	1492-MW14X23
	from 0.276 in. (from 7.0 mm)	12	11 x 44 mm★	5	**1492-MW11X60**
	0.162…0.193 in. (41…4.9 mm)	32	5 x 21 mm§	5	1492-MW5-21
	0.185…0.229 (0.268) in. (4.7…5.8 [6.8] mm)	32	6 x 21 mm§	5	1492-MW6-21
	0.229…0.276 (0.335) in. (5.8…7.0 [8.5] mm)	32	7 x 21 mm§	5	1492-MW7-21

★ Requires cable ties.
‡ Requires Cat. No. 1492-GMC
§ Requires Cat. No. 1492-PLOTPLTA

Marking Systems

Blank Markers, Continued

Photo	For Use With	Markers per Card	Marker Size	Pkg Qty.	Cat. No.
Self-Adhesive Markers 1492-MAS 	Self-adhesive for any equipment	40	9 x 17 mm	5	**1492-MAS9X17**
	Bul. No. relays, self-adhesive for any equipment	40	6 x 15 mm	5	**1492-MAS6X15**
	1760-PICO GFX-70 Cont., self-adhesive for any equipment	40	9 x 11 mm	5	1492-MAS9X11
Wire Markers 1492-MWC	0.059…0.098 in. (2.0…3.5 mm)/White	40	4.25 x 21 mm	5	1492-MWC1-21
	0.078…0.138 in. (2.0…5.0 mm)/White	40	4.25 x 21 mm	5	1492-MWC3-21
	0.098…0.197 in. (2.0…5.0 mm)/White	24	6 x 21 mm	5	1492-MWC4-21
	0.059…0.098 in. (1.5…2.5 mm)/White	40	4.25 x 12 mm	5	**1492-MWC1-12**
	0.078…0.138 in. (2.0…3.5 mm)/White	40	4.25 x 12 mm	5	**1492-MWC3-12**
	0.098…0.197 in. (2.0…5.0 mm)/White	24	6 x 12 mm	5	**1492-MWC4-12**
Snap-In Individual Markers for Rockwell Automation products and Competitive Terminal BLocks 1492-MC	Wago	100	4 x 9 mm	5	1492-MCW4X9
	Phoenix, Entrlec, Telemacanique, Legrand	120	5 x 8 mm	5	**1492-MC5X8**
	Wieland and Telemecanique	100	5 x 12 mm	5	1492-MC5X12
	Wago	100	5 x 9 mm	5	**1492-MCW5X9F**
	Wago	100	5 x 9 mm	5	1492-MCW5X5
	Wago	100	5 x 5 mm	5	1492-MCW6X9
	Phoenix	100	4 x 5 mm	5	**1492-MC4X5**
	Bul. No. 1492-FB fuse holder and Phoenix	100	5 x 5 mm	5	**1492-MC5X5**
	Bul. No. 1492-FB fuse holder and Phoenix	100	6 x 5 mm	5	**1492-MC6X5**
	Bul. No. 700-HL relays, and Phoenix, Wieland, Entrelec, Telemacanique, Legrand	120	6 x 10 mm	5	**1492-MC6X10**
	Phoenix and Entrelec	100	8 x 10 mm	5	**1492-MC6X10**
	Phoenix	100	7 x 5 mm	5	1492-MC7X5
	Phoenix	100	5 x 4 mm	5	1492-MC5X4
	Siemens	64	7 x 10 mm	5	1492-MCS7X10
	Siemens	64	6 x 10 mm	5	1492-MCS6X10
	Siemens	80	5 x 10 mm	5	**1492-MCS5X10**
	Siemens	64	7 x 7 mm	5	1492-MCS7X7
	Siemens	80	5 x 8 mm	5	1492-MCS5X8
	Siemens	64	6 x 8 mm	5	1492-MCS6X8

1492 Pre-Printed Markers

Pre-printed markers are packaged in quantities of 5 with a minimum order quantity of 5 cards.

Catalog Number Explanation

1492 – M5x10 H 1-100

a *b* *c*

a

Marker Selection		
Code		
M3x5	MS6X9	MCS6X8
M3x12	MS6X12	MC6X10
M5x5	MS8X9	MCW1-12
M5x8	MS8X12	MCW3-12
M5x10	MS9X20	MCW4-12
M5x12	MS8X17	MAS9X17
M5x15	MS10X17	MAS6X15
M5X30	MC5X8	MAS9X11
M6x5	MC5X10	MW9X24
M6x10	MC5X12	MW10X23
M6x12	MCW4X9	MW14X23
M7x12	MCW5X9	MW11X60
M8x5	MCW5X9F	MW5-21
MR5X8	MCW5X5	MW6-21
MR6X8	MCW6X9	MW7-21
MR5X12	MC4X5	MWC1-21
MR6X12	MC5X5	MWC3-21
MR8x12	MC6X5	MWC4-21
MH5X10	MC8X10	MWC1-12B
MH5X15	MC7X5	MWC1-12R
MH6X12	MC5X4	MCW1-12Y
MMN81	MCS7X10	MWC3-12B
MN83	MCS5X10	MWC3-12R
MS5x5	MCS6X10	MWC3-12Y
MS5x9	MCS7X7	MWC4-12B
MS5X12	MCS5X8	MWC4-12R
		MWC4-12Y

b

Text Direction	
Code	Description
H	Horizontal Print
V	Vertical Print
HU	Horizontal Upside-down Print
VU	Vertical Upside-down Print
HR	Horizontal Print, reversed data for each column
VR	Vertical Print, reversed data for each column
HUR	Horizontal Upside-down Print, reversed data for each column
VUR	Vertical Upside-down Print, reversed data for each column
C	Custom

c

Printing Selection	
Straight Fill Printing	
Option 1-End will start at 1 and continue printing sequential numbers until the end of the card is reached.	
1-End	Sequential printing to end of card
L	Continuous printing "L" on card
L1	Continuous printing "L1" on card
L2	Continuous printing "L2" on card
L3	Continuous printing "L3" on card
U	Continuous printing "U" on card
V	Continuous printing "V" on card
W	Continuous printing "W" on card
PE	Continuous printing "PE" on card
GND	Continuous printing "GND" on card
Repeat Sequence Printing	
All Options in this section will print the defined sequence in a repeating fashion until all tags are filled. (Example - Option 1-100 with a marker selection of M5x10 will print 1-100 and 1-44.)	
1-10 -or- 11-20 -or- 21-30 -or- … -or- 491-500	Block of 10 sequential numbering. Blocks of 10 within a range from 1…500.
1-20 -or- 21-40 -or- 41-60 -or- … -or- 481-500	Block of 20 sequential numbering. Blocks of 20 within a range from 1…500.
1-50 -or- 51-100 -or- 101-150 -or- … -or- 451-500	Block of 50 sequential numbering. Blocks of 50 within a range from 1…500.
1-100 -or- 101-200 -or- … -or- 401-500	Block of 100 sequential numbering. Blocks of 100 within a range from 1…500.
Single Sequence Printing	
All options in this section will print the defined sequence 1 time only and will leave the rest of the marker tags blank. (Example - Option 1-100S with a marker selection of M5x10 will print 1-100 and leave 44 blank markers).	
1-10S -or- 11-20S -or- 21-30S -or- … -or- 491-500S	Block of 10 sequential numbering. Blocks of 10 within a range from 1…500.
1-20S -or- 21-40S -or- … -or- 481-500S	Block of 20 sequential numbering. Blocks of 20 within a range from 1…500.
1-50S -or- 51-100S -or- … -or- 451-500S	Block of 50 sequential numbering. Blocks of 50 within a range from 1…500.
1-100S -or- 101-200S -or- … -or- 401-500S	Block of 100 sequential numbering. Blocks of 100 within a range from 1…500.

Custom Printed Marker Cards

1. Download and install Clear Tools software available at http://ab.rockwellautomation.com/Terminal-Blocks/Marker-Printer#/tab4
   http://ab.rockwellautomation.com/Terminal-Blocks/Marker-Printer#/tab4

2. Create your custom marker card using the ClearTools software and save your file.

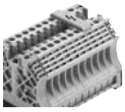
3. Place the custom order by adding the letter **"C"** to the end of the marker cat. no. (Example: If the custom marker that was created in Step 2 is Cat. No. 1492-M6X12, an order will be placed with the new Cat. No. 1492-M6X12**C**.) Then, document the order number for Step 4.

4. E-mail the custom marker file to **RAMilwCustomMarkers@ra.rockwell.com.** Include the following items:
   - Allen Bradley order number (in the subject of the e-mail)
   - Created file (attached to the e-mail)
   - Quantity (the number of needed copies of the file)
   - Company information (with a contact name and number in the e-mail)

Note: Minimum quantity is 1 card per order.

	Description	Pkg Qty.	Cat. No.
	End anchor top marker carrier	50	**1492-GMC**

Electrical Warning Plate Markers

Photo	For Use With	Color	Pkg Qty.	Cat. No.
  	1492-J	Yellow	25	**1492-EWPJ5**
	1492-J	Yellow	50	**1492-EWPJ8**
	1492-J	Yellow	50	1492-EWPJ12
	1492-J	Yellow	50	1492-EWPJ18
	1492-L	Yellow	20	**1492-EWPL5**
	1492-L	Yellow	20	1492-EWPL6
	1492-L	Yellow	20	1492-EWPL8
	1492-L	Yellow	20	1492-EWPL10
	1492-L	Yellow	20	1492-EWPL12
	1492-L	Yellow	20	1492-EWPL16
	1492-L	Yellow	20	1492-EWPL4
	1492-W	Yellow	10	1492-EWP5
	1492-W	Yellow	10	1492-EWP5-4
	1492-W	Yellow	10	1492-EWP6-4
	1492-W	Yellow	10	1492-EWP7
	1492-W	Yellow	10	1492-EWP7-4
	1492-W	Yellow	10	1492-EWP8
	1492-W	Yellow	10	1492-EWP8-4
	1492-W	Yellow	10	1492-EWP11
	1492-W	Yellow	10	1492-EWP11-4

Tie Point Terminal Blocks — Type JD3C, LD2C, LD3C, and LD4C

The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

Description		Type	Rating
Maximum total current flow through the terminal block		LD2C	10 A
		JD3C, LD3C	20 A
		LD4C	25 A
Maximum working voltage		LD2C	300V
		JD3C, LD3C, LD4C	600V
Ambient temperature range	Operating	All	-4…+104 °F (-20…+40 °C)
	Storage	All	-40…+167 °F (-40…+75 °C)

Diode Terminal Blocks — Type JD3DR, JD3DF, LD4DF, and LD4DRΔ

Description		Symbol	Type	Rating
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage		V (RRM) V (RWM) V (R)	JD3DF, JD3DR, LD4DF, LD4DR	600V
Non-Repetitive Peak Reverse Voltage (Halfwave, single phase, 60 Hz)		V (RSM)	JD3DF, JD3DR, LD4DF, LD4DR	600V
RMS Reverse Voltage ‡		V (Rrms)	JD3DF, JD3DR, LD4DF, LD4DR	600V
Average Rectified Forward Current Single Phase, Resistive Load, 60 Hz		I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)		I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [I (F) = 1.0 A]		V (F)	All	1.1V
Maximum Reverse Current		I (R)	All	10 µA
Ambient temperature range	Operating	T (A)	All	-4…+104 °F (-20…+40 °C)
	Storage	T (S)	All	-40…+167 °F (-40…+75 °C)

All parameters measured at 77 °F (25 °C).

Δ Performance Data — See this catalog, page Important-3. Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

‡ The maximum voltage rating of the diode terminal blocks listed in the above table should not be exceeded even though the maximum reverse voltage rating of the diode alone is 1000V.

Surge Suppressor Performance Characteristics and Electrical Component DataΔ

Surge Suppressor Terminal Blocks	
Performance Characteristic	Cat. No. JD3SS, JD3PSS, JD3SSTP, JDG3PSS, JDG3PSSTP, LD4SS
Nominal Working Voltage (Volts AC or DC)	120
Maximum AC Working Voltage RMS Continuous (60 Hz)	140
Maximum DC Working Voltage Continuous	180
Maximum Clamping Voltage at Current I_p (8/20 µs Pulse)	360V I_p = 10 A
Maximum Voltage Rate of Rise Bulletin 100 Contactors Types A38…B180 Bulletin 500 Contactors & Starters, Size 0…5 Bulletin 700 Relays	—
Peak Current (8/20 µs Pulse)	1200 A
Typical Leakage Current at Nominal AC Working Voltage	< 0.1 mA
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current Ip (8/20 µs Pulse) Maximum Transient Energy Maximum Power Dissipation	 10 J 0.25 W

Technical Specifications for Fuse Plugs♣

Characteristic	1492-FPK2	1492-FPK224	1492-FPK248	1492-FPK2120	1492-FPK2250
Indicator Type	Non-Indicating	LED	LED	LED	LED
Leakage Current	—	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 264V
Working Voltage	Per Fuse Rating	10…36V AC/DC	35…70V AC/DC	60…150V AC/DC	140…250V AC
Fuse Size	5 x 20 mm				
Marker	1492-M5X5				

♣ IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

UL/CSA File and Guide Numbers Arranged by Base Cat. Nos.

Base Cat. No.	UL Number§		CSA Number	
	File	Guide	File	Class
1492-H4, -H5, -H6, -H7	E40735	XCFR2	LR67896	622801
1492-R	E40735 E187022	XCFR2 XCIB2 XCFR8	—	—
1492-RG	E160646 E40735 E187022	KDER2 XCFR2 XCIB2	—	—
1492-UF3	E40735	XCFR2	LR67896	622801
1492-W	E40735 E187022	XCFR2 XCIB2	LR67896 LR14074	622801 622801
1492-WG	E40735 E187022	XCFR2 XCIB2	LR67896 LR14074	622801 622801
1492-J	E40735	XCFR2 XCIB2	223923	622801 622801
1492-JG	E40735 E187022	XCFR2 XCIB2	223923	622801 622801
1492-L	E40735 E187022	XCFR2 XCIB2	223923	622801 622801
1492-LG	E40735 E187022	XCFR2 XCIB2	223923	622801 622801

§ These numbers are actually UL file and guide numbers, as these products are UL Recognized Components per Canadian Safety Standards (cUR).

Terminal Block Specifications

Cat. No.	Wire Size [AWG]																		
	#30	#28	#26	#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
	(0.05)	(0.08)	(0.13)	(0.21)	(0.33)	(0.5)	(0.75)	(1.5)	(2.5)	(4)	(6)	(10)	(16)	(25)	(35)	(40)	(50)	(70)	(80)
	Number of the Same Size Wires Per Terminal																		
1492-CA1	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-CAM1	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-H4	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H5	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H6	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H7	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-HM3	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-J10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-J16	—	—	—	—	—	—	1	4	4	3	2	1	1	1	—	—	—	—	—
1492-J2Q	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-J3	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	1	1	—	—
1492-J3F	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3P	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (single side)	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (twin side)	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-J4	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4CTB	—	—	1	1	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4Q	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4TW	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J50	—	—	—	—	—	—	—	—	—	—	1	2	2	1	1	1	1	—	—
1492-J6	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB2	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB224	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB248	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB2120	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB2250	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB1	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB124	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB148	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB1120	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J6FB1250	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J70	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	1

Maximum number of multiple wire connections for copper conductors of the same cross-section and type for Allen-Bradley IEC Terminal Blocks.
Cat. Nos. 1492-L products are all recommended for one conductor per terminal. Wire range is defined in the cat. page for each of the products.

	Wire Size [AWG]																		
	#30	#28	#26	#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
	(0.05)	(0.08)	(0.13)	(0.21)	(0.33)	(0.5)	(0.75)	(1.5)	(2.5)	(4)	(6)	(10)	(16)	(25)	(35)	(40)	(50)	(70)	(80)
Cat. No.	Number of the Same Size Wires Per Terminal																		
1492-JC3	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-JD3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3C	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3DF	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3DR	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3F	4	4	4	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—
1492-JD3FB	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JD3PSS	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3PSSTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3PTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3RB***	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3RC001	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3SS	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD4	—	—	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JD4C	—	—	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JDC3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3C	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3FB	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3P	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PSS	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PSSTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG4	—	—	1	1	4	4	3	3	2	1	1	Multiple wire values valid only for upper connectors of terminal block.							—
1492-JDG4C	—	—	1	1	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JG10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-JG16	—	—	4	4	4	4	4	4	1	3	2	1	1	1	—	—	—	—	—
1492-JG2Q	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JG3	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JG35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	1	—	—	—
1492-JG3TW single side)	4	4	4	4	4	4	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-JG3TW twin side)	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—

Terminal Block Specifications

Cat. No.	Wire Size [AWG]																		
	#30	#28	#26	#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
	(0.05)	(0.08)	(0.13)	(0.21)	(0.33)	(0.5)	(0.75)	(1.5)	(2.5)	(4)	(6)	(10)	(16)	(25)	(35)	(40)	(50)	(70)	(80)
	Number of the Same Size Wires Per Terminal																		
1492-JG4	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JG4Q	1	1	1	1	4	4	3	3	3	2	1	—	—	—	—	—	—	—	—
1492-JG4TW	1	1	1	1	4	4	3	3	3	2	1	—	—	—	—	—	—	—	—
1492-JG50	—	—	—	—	—	—	—	—	—	—	1	2	2	1	1	1	1	—	—
1492-JG6	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-JG70	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	—
1492-JKD3	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JKD3TP	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JKD4	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4Q	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4QTP	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4TP	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4TW	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4TWTP	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JP3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1492-JP3FB	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JP3FB24	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JP3FB48	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JP3FB120	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JP3FB250	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPG3	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPG3FB	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPG3FB24	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPG3FB48	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPG3FB120	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPG3FB250	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPGKD3	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPGKD3TP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1492-JPKD3	—	—	1	1	1	1	1	1	2	1	—	—	—	—	—	—	—	—	—
1492-JPO	—	—	4	—	1	1	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JSD4	—	—	1	1	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JT3M	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-W10	—	—	—	—	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—
1492-W16S	—	—	—	—	—	—	—	—	4	3	2	2	1	1	—	—	—	—	—
1492-W3	4	—	—	—	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-W4	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-W6	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-WD4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WD4C	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WG4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WG6	—	—	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—
1492-WM3	4	—	—	—	4	3	2	1	1	—	—	—	—	—	—	—	—	—	—
1492-WM4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WMD1	—	—	—	—	2	1	1	1	—	—	—	—	—	—	—	—	—	—	—
1492-WMG4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WR3	—	—	—	—	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTF3	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTF3LN	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTF3LP	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3LN	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3LP	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—

Δ Performance Data — See this catalog, page Important- 3.
Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

IEC Terminal Block SpecificationsΔ

Tie Point Terminal Blocks — Type JD3C, LD2C, LD3C, and LD4C

The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

Description		Type	Rating
Maximum total current flow through the terminal block		LD2C	10 A
		JD3C, LD3C	20 A
		LD4C	25 A
Maximum working voltage		LD2C	300V
		JD3C, LD3C, LD4C	600V
Ambient temperature range	Operating	All	-4…+104 °F (-20…+40 °C)
	Storage	All	-40…+167 °F (-40…+75 °C)

Diode Terminal Blocks — Type JD3DR, JD3DF, LD4DF, and LD4DRΔ

Description		Symbol	Type	Rating
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage		V (RRM) V (RWM) V (R)	JD3DF, JD3DR, LD4DF, LD4DR	600V
Non-Repetitive Peak Reverse Voltage (Halfwave, single phase, 60 Hz)		V (RSM)	JD3DF, JD3DR, LD4DF, LD4DR	600V
RMS Reverse Voltage ‡		V (Rrms)	JD3DF, JD3DR, LD4DF, LD4DR	600V
Average Rectified Forward Current Single Phase, Resistive Load, 60 Hz		I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)		I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [I (F) = 1.0 A]		V (F)	All	1.1V
Maximum Reverse Current		I (R)	All	10 µA
Ambient temperature range	Operating	T (A)	All	-4…+104 °F (-20…+40 °C)
	Storage	T (S)	All	-40…+167 °F (-40…+75 °C)

All parameters measured at 77 °F (25 °C).

Δ Performance Data — See this catalog, page Important-3. Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

‡ The maximum voltage rating of the diode terminal blocks listed in the above table should not be exceeded even though the maximum reverse voltage rating of the diode alone is 1000V.

Surge Suppressor Performance Characteristics and Electrical Component DataΔ

Surge Suppressor Terminal Blocks	
Performance Characteristic	Cat. No. JD3SS, JD3PSS, JD3SSTP, JDG3PSS, JDG3PSSTP, LD4SS
Nominal Working Voltage (Volts AC or DC)	120
Maximum AC Working Voltage RMS Continuous (60 Hz)	140
Maximum DC Working Voltage Continuous	180
Maximum Clamping Voltage at Current I_p (8/20 µs Pulse)	360V I_p = 10 A
Maximum Voltage Rate of Rise Bulletin 100 Contactors Types A38…B180 Bulletin 500 Contactors & Starters, Size 0…5 Bulletin 700 Relays	—
Peak Current (8/20 µs Pulse)	1200 A
Typical Leakage Current at Nominal AC Working Voltage	< 0.1 mA
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current Ip (8/20 µs Pulse) Maximum Transient Energy Maximum Power Dissipation	 10 J 0.25 W

Technical Specifications for Fuse Plugs♣

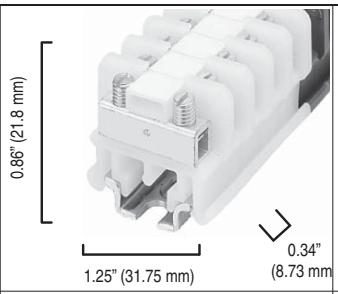
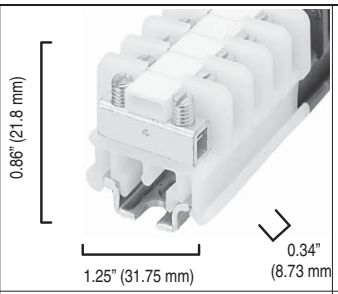
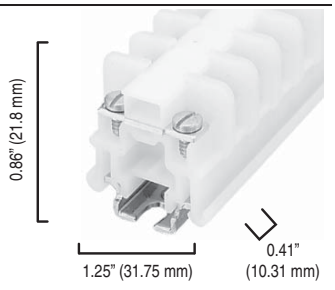
Characteristic	1492-FPK2	1492-FPK224	1492-FPK248	1492-FPK2120	1492-FPK2250
Indicator Type	Non-Indicating	LED	LED	LED	LED
Leakage Current	—	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 264V
Working Voltage	Per Fuse Rating	10…36V AC/DC	35…70V AC/DC	60…150V AC/DC	140…250V AC
Fuse Size	5 x 20 mm				
Marker	1492-M5X5				

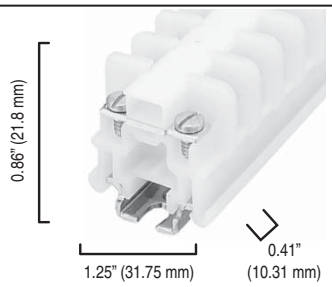
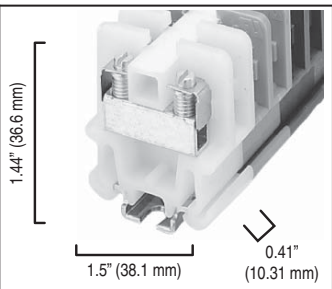
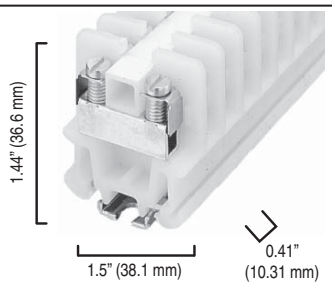
♣ IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

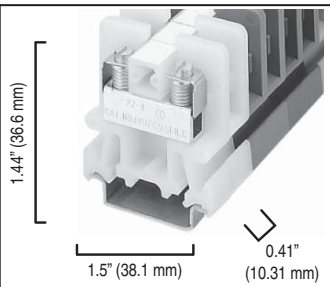
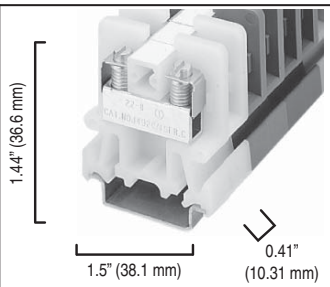
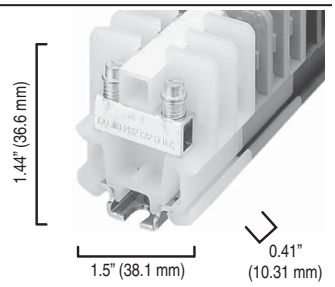
UL/CSA File and Guide Numbers Arranged by Base Cat. Nos.

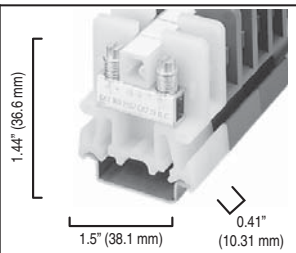
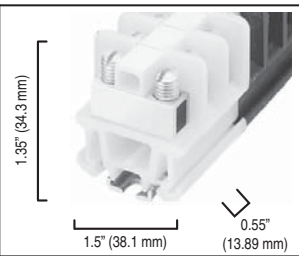
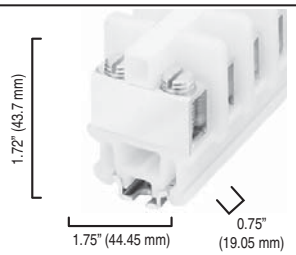
Base Cat. No.	UL Number§		CSA Number	
	File	Guide	File	Class
1492-H4, -H5, -H6, -H7	E40735	XCFR2	LR67896	622801
1492-R	E40735 E187022	XCFR2 XCIB2 XCFR8	—	—
1492-RG	E160646 E40735 E187022	KDER2 XCFR2 XCIB2	—	—
1492-UF3	E40735	XCFR2	LR67896	622801
1492-W	E40735 E187022	XCFR2 XCIB2	LR67896 LR14074	622801 622801
1492-WG	E40735 E187022	XCFR2 XCIB2	LR67896 LR14074	622801 622801
1492-J	E40735	XCFR2 XCIB2	223923	622801 622801
1492-JG	E40735 E187022	XCFR2 XCIB2	223923	622801 622801
1492-L	E40735 E187022	XCFR2 XCIB2	223923	622801 622801
1492-LG	E40735 E187022	XCFR2 XCIB2	223923	622801 622801

§ These numbers are actually UL file and guide numbers, as these products are UL Recognized Components per Canadian Safety Standards (cUR).

	1492-F1	1492-F2	1492-F3
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	***Terminal block, tubular screw with pressure plate.***	***Terminal block, tubular screw without pressure plate.***	***Terminal block, screw terminal with #6 screw.***
Certifications	/CSA	/CSA	/CSA
Voltage Rating	300V AC/DC	300 V AC/DC	300 V AC/DC
Maximum Current	25 A	25 A	25 A
Wire Range (Rated Cross Section)	#22…#14 AWG (0.5…2.5 mm^2)	#22…#14 AWG (0.5…2.5 mm^2)	#22…#14 AWG (0.5…2.5 mm^2)
Wire Strip Length	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)	Prepared Conductors Only
Recommended Tightening Torque	4…10 lb•in (0.5…1.1 N•m)	6…10 lb•in (0.7…1.1 N•m)	6…10 lb•in (0.7…1.1 N•m)
Density	35 pcs/ft (115 pcs/m)	35 pcs/ft (115 pcs/m)	30 pcs/ft (98 pcs/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

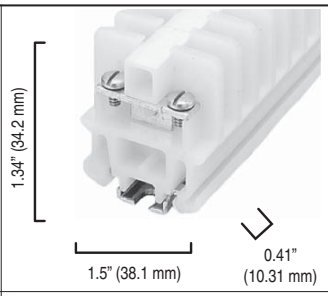
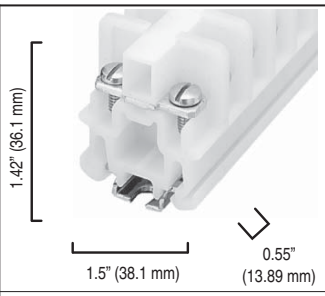
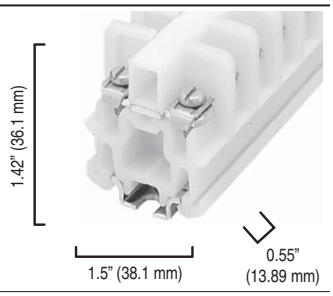
	1492-F8	1492-CA1	1492-CA1L
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	***Terminal block, screw terminal with wire clamp.***	***Terminal block, tubular screw with pressure plate.***	***Terminal block, screw with large head, pressure plate.***
Certifications	/CSA	/CSA	/CSA
Voltage Rating	300V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	25 A	55 A	55 A
Wire Range (Rated Cross Section)	#22…#14 AWG (0.5…2.5 mm^2)	#22…#8 AWG (0.5…10 mm^2)	#22…#8 AWG (0.5…10 mm^2)
Wire Strip Length	0.25 in. (6.4 mm)	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)
Recommended Tightening Torque	6…14 lb•in (0.7…1.6 N•m)	8…16 lb•in (0.9…1.8 N•m)	8…16 lb•in (0.9…1.8 N•m)
Density	30 pcs/ft (98 pcs/m)	30 pcs/ft (98 pcs/m)	30 pcs/ft (98 pcs/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

	1492-CAM1	1492-CAM1L	1492-CA2
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Terminal block, tubular screw with pressure plate, multi-rail mountable.*	*Terminal block, screw with large head, pressure plate, multi-rail mountable.*	*Terminal block, tubular screw without pressure plate.*
Certifications	cULus/CSA	cULus/CSA	cULus/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	55 A	55 A	55 A
Wire Range (Rated Cross Section)	#22…#8 AWG (0.5…10 mm^2)	#22…#8 AWG (0.5…10 mm^2)	#18…#8 AWG (1…10 mm^2)
Wire Strip Length	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)
Recommended Tightening Torque	8…16 lb•in (0.9…1.8 N•m)	8…16 lb•in (0.9…1.8 N•m)	10…16 lb•in (1.1…1.8 N•m)
Density	30 pcs/ft (98 pcs/m)	30 pcs/ft (98 pcs/m)	30 pcs/ft (98 pcs/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

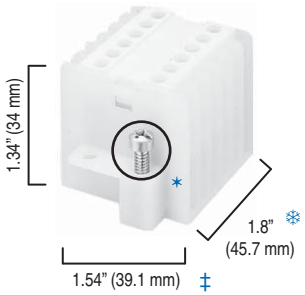
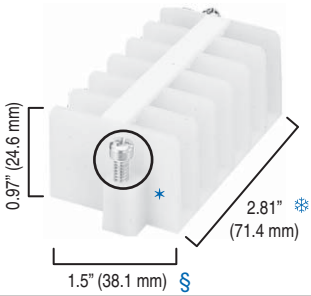
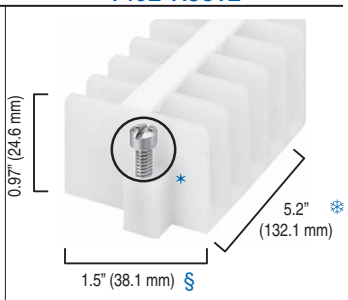
	1492-CAM2	1492-CD2	1492-CE2
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	*Terminal block, tubular screw without pressure plate, multi-rail mountable.*	*Terminal block, tubular screw without pressure plate.*	*Terminal block, tubular screw without pressure plate.*
Certifications	cULus/CSA	cULus/CSA	cULus/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	55 A	100 A	195 A
Wire Range (Rated Cross Section)	#18…#8 AWG (1…10 mm^2)	#14…#4 AWG (2.5…25 mm^2)	#12…#1/0 AWG (4…50 mm^2)
Wire Strip Length	0.38 in. (9.7 mm)	0.44 in. (11.2 mm)	0.69 in. (17.5 mm)
Recommended Tightening Torque	10…16 lb•in (1.1…1.8 N•m)	22…30 lb•in (2.5…3.4 N•m)	50 lb•in (5.6 N•m)
Density	30 pcs/ft (98 pcs/m)	22 pcs/ft (72 pcs/m)	16 pcs/ft (52 pcs/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

Short-Circuit Current Ratings — Fuse Ratings

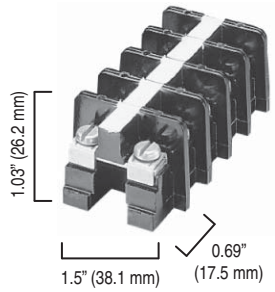
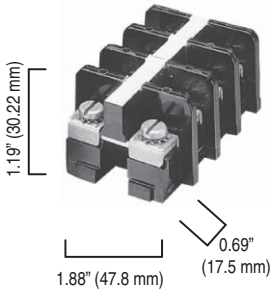
Cat. No.	Wire CU AWG		Overcurrent Protection Fuse Required Class/Max. Amp Rating						Maximum Voltage	SCCR, RMS SYM [A]
	Line	Load	J	T	RK1	RK5	G	CC		
1492-CAM1	14…8	14…8	60	60	30	—	50	30	600	100,000
1492-CD2	14…4	14…4	100	100	60	30	60	30	600	100,000
1492-CE2	12…1/0	12...1/0	100	100	60	30	60	30	600	100,000

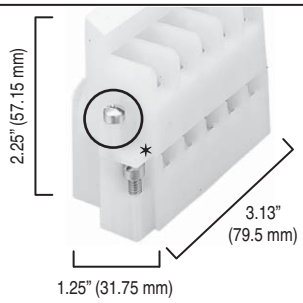
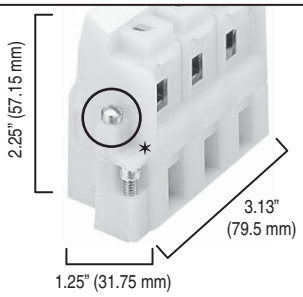
	1492-CA3	1492-CD3	1492-CD8
Dimensions are not intended to be used for manufacturing purposes. **Note:** Height dimension is measured from top of rail to top of terminal block.			
Specifications	***Terminal block, screw terminal with #6 screw.***	***Terminal block, screw terminal with #8 screw.***	***Terminal block, screw terminal with wire clamp.***
Certifications	/CSA	/CSA	/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	20 A	35 A	35 A
Wire Range (Rated Cross Section)	#22…14 AWG (0.5…2.5 mm^2)	#22…10 AWG (0.5…6 mm^2)	#22…10 AWG (0.5…6 mm^2)
Wire Strip Length	Prepared Conductors Only★	Prepared Conductors Only★	0.38 in. (9.7 mm)
Recommended Tightening Torque	12 lb•in (1.4 N•m)	10…16 lb•in (1.1…1.8 N•m)	10…16 lb•in (1.1…1.8 N•m)
Density	30 pcs/ft (98 pcs/m)	22 pcs/ft (72 pcs/m)	22 pcs/ft (72 pcs/m)
Insulation Temperature Range	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

★ Prepared conductors utilize ring, spade, or hook connectors.

	1492-HC6	1492-HJ86	1492-HJ812
Dimensions are not intended to be used for manufacturing purposes.			
Specifications	**High-density 6-pole panel mount terminal block. Can be interconnected to make 12- and 18-pole units.**	**Standard 6-pole panel mount block. Screw terminal with wire clamp.**	**Standard 12-pole panel mount block. Screw terminal with wire clamp.**
Certifications	/CSA	/CSA	/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current (per pole)	25 A	25 A	25 A
Wire Range (Rated Cross Section)	#30…#12 AWG (0.05…4 mm^2)	#16…#12 AWG (1.5…4 mm^2)	#16…#12 AWG (1.5…4 mm^2)
Wire Strip Length	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)
Recommended Tightening Torque	3…7 lb•in (0.3…0.8 N•m)	8…16 lb•in (0.9…1.8 N•m)	8…16 lb•in (0.9…1.8 N•m)
Insulation Temperature Range	–40…+221 °F (–40…+10 5°C)	–40…+221 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

★ #8-32 screw.
‡ Measurement between mounting screw centers.
§ Mounting screws are offset 0.31 in. (7.9 mm) from centerline.
♣ Mounting screws are offset 0.19 in. (4.76 mm) from centerline.

	1492-15T	1492-25T
Dimensions are not intended to be used for manufacturing purposes.		
Specifications	High temperature 1-pole panel mount block, wire clamp. Gangable for multi-pole installation.	High temperature 1-pole panel mount block, wire clamp. Gangable for multi-pole installation.
Voltage Rating	600V AC/DC	600V AC/DC
Maximum Current (per pole)	35 A	45 A
Wire Range (Rated Cross Section)	#16…12 AWG (1.5…4 mm^2)	#16…10 AWG (1.5…6 mm^2)
Wire Strip Length	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)
Recommended Tightening Torque	10…16 lb•in (1.1…1.8 N•m)	10…16 lb•in (1.1…1.8 N•m)
Insulation Temperature Range	–40…+300 °F (–40…+149 °C)	–40…+300 °F (–40…+149 °C)

	1492-EC85	1492-ED103
Dimensions are not intended to be used for manufacturing purposes.		
Specifications	5-pole terminal block. Pulls apart to disconnect all poles from the circuit.	3-pole terminal block. Pulls apart to disconnect all poles from the circuit.
Certifications (See page 12-3)	/CSA	/CSA
Voltage Rating	600V AC/DC	600V AC/DC
Maximum Current (per pole)	25 A	60 A
Wire Range (Rated Cross Section)‡	#20…12 AWG (0.75…4 mm^2)	#14…4 AWG (2.5…25 mm^2)
Wire Strip Length	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)
Recommended Tightening Torque	6…16 lb•in (0.7…1.8 N•m)	10…30 lb•in (1.1…3.4 N•m)
Insulation Temperature Range	–40…+22 °F (–40…+105 °C)	–40…+221 °F (–40…+105 °C)

★ #8-32 screw.

‡ Both terminal blocks accept 1 wire per terminal.

Mounting Rails

Mounting rails allow many blocks to be fastened in a panel with only a few screws to anchor the rail to the panel. Mounting rails allow easy installation and removal of a block in a row.

End Anchor/End Retainers

End anchors and end retainers mount at both ends of a group of terminal blocks to add rigidity to the terminal assembly and prevent sliding along the rails.

End Barriers

End barriers are required to provide the necessary insulation for the last terminal block in a group.

Side Jumpers

Side jumpers use the terminal block wire openings. Multi-pole jumpers can be cut into a smaller number of poles. 2-pole jumpers are also available for some blocks. All jumpers except the 1492-N21 carry 100% of rated terminal block current. The 1492-N21 carries 100 A. The backs of IEC-style jumpers are insulated with plastic. An adjacent partition plate provides the necessary electrical spacings between adjacent jumpers or between exposed ends of cut jumpers.

Fanning Strips

Fanning strips, used with the Cat. No. 1492-CA1, -CA2, and -CAM2 terminal blocks, keep wires in an orderly row and allow easy disconnect and reconnect of multiple adjacent wires.

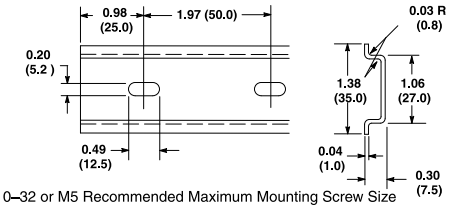
Marking Systems

Various marking systems are available to simplify circuit identification. NEMA blocks come with a painted surface; IEC blocks use snap-in markers. Markers are available in blank form for hand writing, pre-printed in ascending number format, or custom printed for unique requirements. Extended marking strips and adhesive labels are available for long circuit identifications. A group marking carrier for easy group terminal block identification is also available. Marking rods can be used with QuickClamp style terminal blocks to simplify mass solutions. Pre-printed, single-digit, alphanumeric marker tabs are also available.

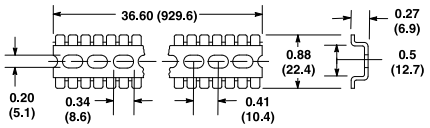
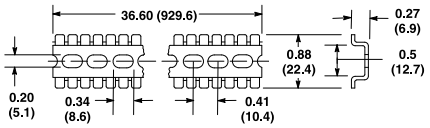
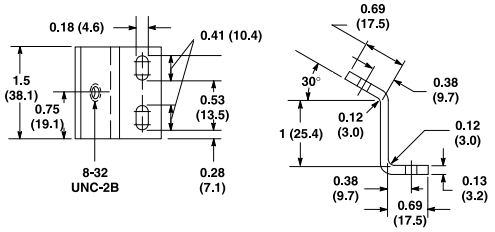
Specifications/Agency Approvals

In general, accessories for terminal blocks are not eligible for recognition by UL, CSA, or other third-party approval agencies. The suitability of the installation must be judged in the end use application due to the wide variety of possible uses. However, accessories are designed to meet, and are tested to, the terminal block assembly requirements such as electrical spacings, etc.

Mounting Rails

Cat. No.	Description	Pkg Qty.	Dimensions*
199-DR1 	**DIN (#3) Symmetrical Rail** 35 mm x 7.5 mm x 1 m long Zinc-plated, yellow chromated EN50022 **DIN #3**	10	 #10–32 or M5 Recommended Maximum Mounting Screw Size
199-DR2	Same as 199-DR1, but length = 2 m	20	

* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Cat. No.	Description	Pkg. Qty.	Dimensions*
1492-N1 	Breakaway Mounting Rail — 3 ft (0.91 m) long; scored every 0.203 in. (5.2 mm) so it will break off to the desired length	20	 #8-32 or M4 Recommended Mounting Screw Size
1492-N22 	Rigid Mounting Rail — 3 ft (0.91 m) long	20	 #8-32 or M4 Recommended Mounting Screw Size
1492-N25 	Mounting Rail Standoff Brackets — Used with Cat. No. 1492-N22 rigid mounting rail	20	

* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

1492-N26		1492-N32		1492-N27		1492-N28		1492-N29	
									
External Mounting Feet		Internal Mounting Feet		Side Plate Extensions		18 in Bridge		12 in Bridge	
Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity
1492-N26	1 Kit	**1492-N32**	1 Kit	**1492-N27**	1 Kit	**1492-N28**	1	1492-N29	1

Description — Stacking bridges are used with Style C, F, and H rail-mounted terminal blocks. They are designed to save panel space and increase terminal accessibility. Stacking bridge kits allow stacking of up to four terminal block strips. A stacking bridge consists of mounting feet, side plate extensions, and 12 in. or 18. in bridges.

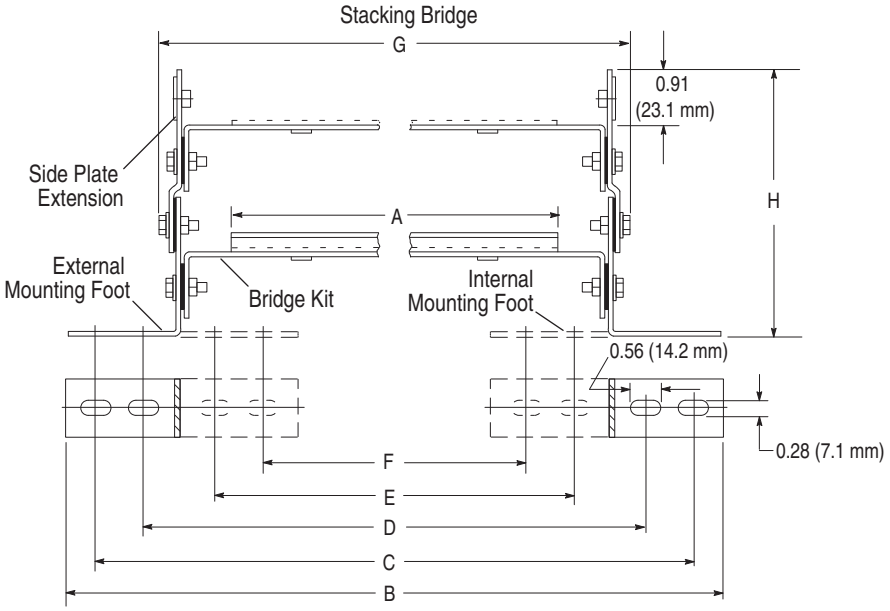
Note: **Rigid mounting rail is attached to the bridge.** Five kits are available to custom build stacking bridges as listed in the above table. **Fuse blocks, disconnect blocks, large Style C terminal blocks (Cat. No. 1492-CE2) and circuit breakers should only be mounted on the upper-most bridge of any assembly.**

Ordering Example — A typical ordering example for a **Two-Level 18 in. Stacking Bridge** is as follows:

- One **Cat. No. 1492-N26** or **1492-N32** mounting foot kit.
- One **Cat. No. 1492-N27** side plate extension kit, and two **Cat. No. 1492-N28** 18 in bridges.

Both 12 in. and 18 in. stacking bridges are built in this manner with up to four levels maximum.

Stacking Bridge



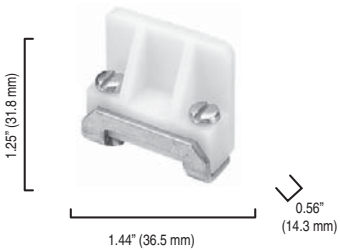
Stacking Bridge Size	A	B	C	D	E	F	G	H No. of Levels 1	2	3	4
12 in.	12.06 (306.3)	18.06 (458.7)	17 (431.8)	15.19 (385.8)	12.69 (322.3)	10.97 (278.6)	14.53 (369.1)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)
18 in.	18.63 (473.2)	24.06 (611.1)	23 (584.2)	21.19 (538.2)	18.69 (474.7)	16.97 (431.0)	20.53 (521.5)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)

Note: Dimensions in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

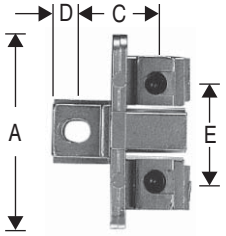
End Anchors

1492-EAHJ35

1492-N23

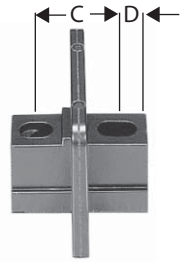


1492-15A, 1492-25A



A = Width
B = Height

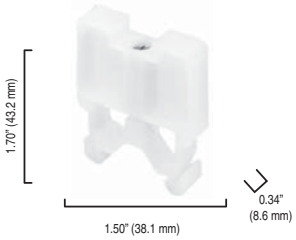
1492-15E, 1492-25E



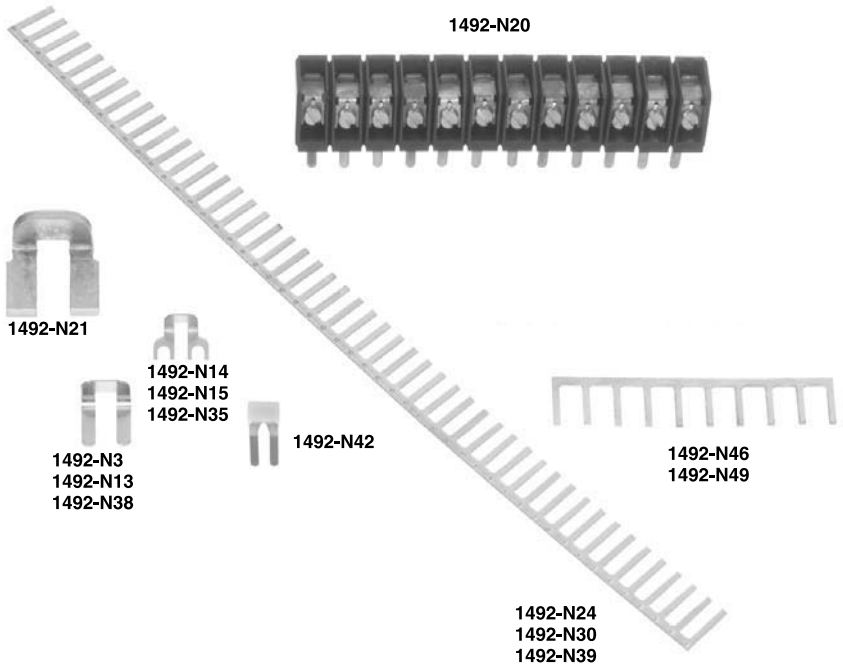
A = Width
B = Height

1492-N2

1492-N47

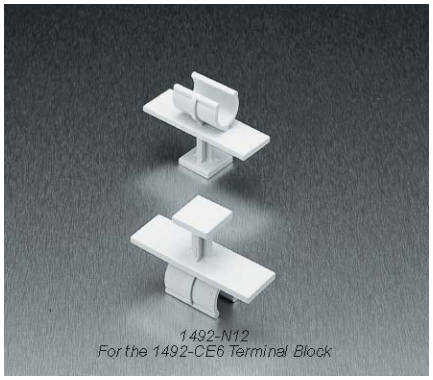


Cat. No.	A	B	C	D	E
1492-15A	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	0.75 in. (19.1 mm)
1492-15E	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	—
1492-25A	1.88 in. (47.8 mm)	1.19 in. (30.2 mm)	0.688 in. (17.5 mm)	0.203 in. (5.2 mm)	0.97 in. (24.6 mm)
1492-25E	1.88 in. (47.8 mm)	1.19 in. (30.2 mm)	0.688 in. (17.5 mm)	0.234 in. (5.9 mm)	—

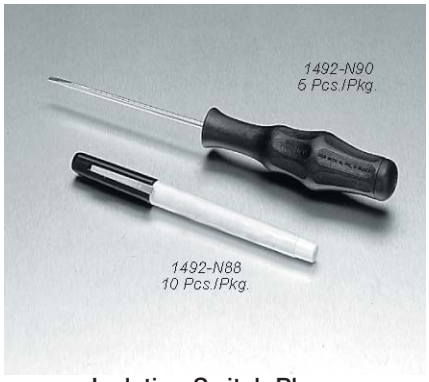


* The 1492-SJS Insulating Sleeve reduces exposure to live parts on the 1492-N39 and 1492-N49. The 1492-SJS used with the 1492-N39 and 1492-H1 or 1492-HM1 provides IEC 947 IP2X finger protection.

Fuse Puller



Screwdriver and Marking Pen



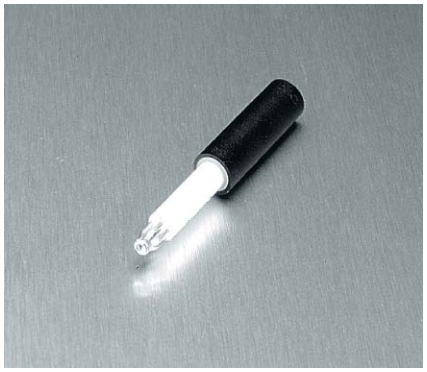
Isolation Switch Plugs
Cat. No. 1492-ISOSW-1

Test Plug/Test Sockets

Cat. No. 1492-TP28

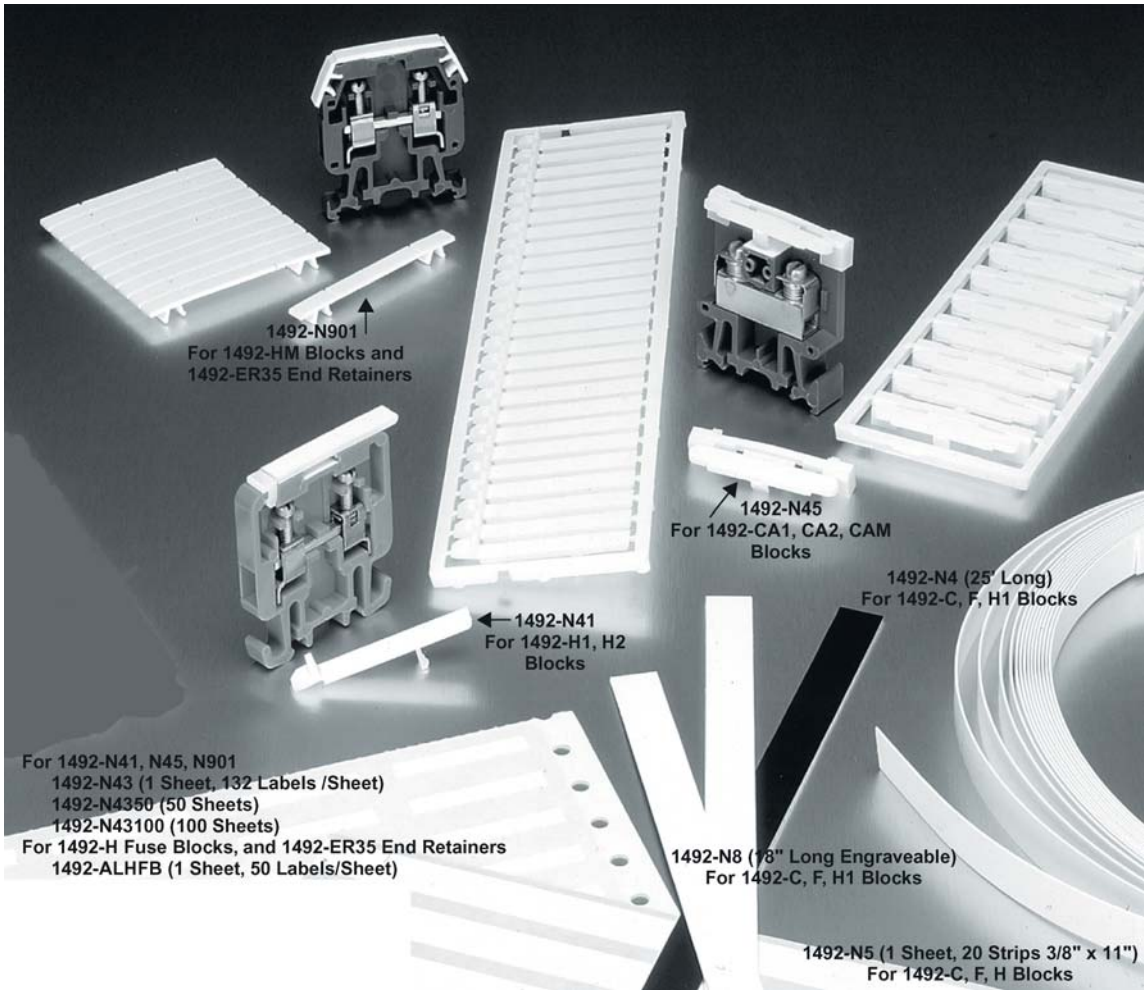
Cat. No. 1492-TA285

Cat. Nos. 1492-TA40, 1492-TA40L



Cat. No. 1492-TP15

Cat. No. 1492-TP23



Cat. No. 1492-N901 For 1492-HM Blocks and 1492-ER35 End Retainers

Cat. No. 1492-N45 For 1492-CA1, CA2, CAM Blocks

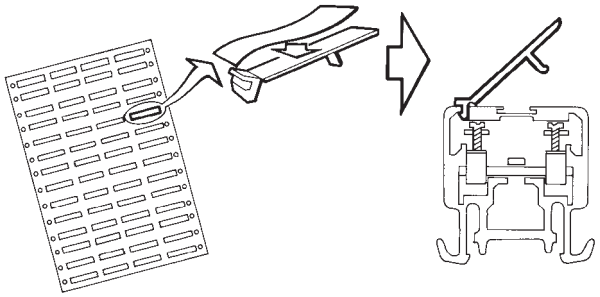
Cat. No. 1492-N41 For 1492-H1, H2 Blocks

Cat. No. 1492-N8 (18 in. Long Engraveable) For 1492-C, F, H1 Blocks

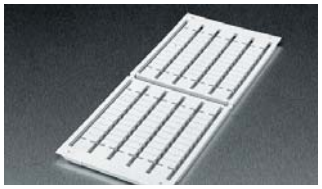
For Cat. Nos. 1492-N41, N45, N901
Cat. No. 1492-N43 (1 Sheet, 132 Labels /Sheet)
Cat. No. 1492-N4350 (50 Sheets)
Cat. No. 1492-N43100 (100 Sheets)
For Cat. Nos. 1492-H Fuse Blocks, and 1492-ER35 End Retainers
Cat. No. 1492-ALHFB (1 Sheet, 50 Labels/Sheet)

Cat. No. 1492-N5 (1 Sheet, 20 Strips 3/8 in x 11 in) For 1492-C, F, H Blocks

Placement of Label on Holder



Marker Cards



Cat. No.	No. of Labels/Card
1492-MS8X12	70
1492-MN81	—
1492-MN83	—

Cat. No.	Pkg Qty.
1492-ALHFB	1
1492-ALWFB	1
1492-N4	1
1492-N5	1
1492-N8	25
1492-N41	50
1492-N43	1
1492-N45	20
1492-N901	50
1492-N4350	1
1492-N43100	1

Multiple Wire Connection Combination for Stranded Copper Conductors of the Same Gross Section for Allen-Bradley Terminal Blocks

Terminal Blocks

Cat. No.	Wire Size AWG (mm²)					
	#22	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)
	Number of the Same-Size Wires Per Terminal					
1492-H4, -H5, -H6, -H7	4	4	3	2	2	1

Fingersafe Terminal Blocks

Cat. No.	Fingersafe Terminal Blocks							
	#22	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)	#10 (6)	#8 (10)
	Number of the Same-Size Wires Per Terminal							
∗ **1492-HM1**	4	4	3	2	2	1	—	—
∗ 1492-HM2	4	4	3	2	2	1	—	—
1492-HC6	4	4	3	2	2	1	—	—
∗ **1492-HM3**	4	4	4	3	2	2	1	1

∗ Dimensions for other colors are identical.

NEMA and IEC Terminal Block Component Specifications∗

Tie Point Terminal Blocks — Type HM2C and WD4C

ATTENTION

The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

Description	Type	Rating
Maximum Total Current Flow Through the Terminal Block	H2C, HM2C	10 A
Maximum Working Voltage	H2C, HM2C	600V
Operating Ambient Temperature Range	All	-4…+104 °F (-20…+40 °C)
Storage Temperature Range	All	-40…+167 °F (-40…+75 °C)

Diode Terminal Blocks — Types H2D, HHM2D, WD2D, WD2DR, RD3DF and RD3DR

Description	Symbol	Type	Rating
Peak Repetitive Reverse Voltage	V (RRM)	H2D, HM2D	600V
Working Peak Reverse Voltage	V (RWM) V (R)	RD3DF, RD3DR WD4DF, WD4DR	300V
Non-Repetitive Peak Reverse Voltage (Halfwave, single-phase, 60 Hz)	V (RSM)	H2D, HM2D	600V
RMS Reverse Voltage❄	V (Rms)	H2D, HM2D	600V
Average Rectified Forward Current Single-Phase, Resistive Load, 60 Hz	I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)	I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [*I* (f) = 1.0 A]	V (F)	All	1.1V
Maximum Reverse Current	I (R)	All	10 µA
Operating Ambient Temperature Range	T (A)	All	–4…+104 °F (–20…+40 °C)
Storage Temperature Range	T (S)	All	–40…+167 °F (–40…+75 °C)

❄ The maximum voltage rating of the diode terminal blocks listed in the above table should not be exceeded even through the maximum reverse voltage rating of the diode alone is 1000V.

All parameters measured at 77 °F (25 °C).

Resistor Terminal Blocks — Types H2RA, H2RB, H2RC, HM2RA, HM2RB, HM3RB∗

Description	Model Code Identifier	Rating
Resistor Type	A	Carbon Fixed Resistor‡
	B	Metal Film Resistor§
	C	Wire Wound Precision Resistor
Standard Resistance Range	A	1.0 (Ω)…100 M (Ω)
	B	1.0 (Ω)…4.75 M (Ω)
	C	249 (Ω)
Resistance Tolerance	A	± 5%
	B	± 1%
	C	± 1%
Power Rating (Resistor) Maximum Continuous Watts at 86 °F (30 °C) Ambient	A	0.5 W
	B	0.25 W
	C	0.5 W
Rated Continuous Working Voltage (Resistor)	A	0.5 x R or 300V Max.
	B	0.25 x R or 250V Max.
	C	0.5 x R or 250V Max.
Operating Ambient Temperature Range	All	–4…+104 °F (–20…+40 °C)
Storage Temperature Range	All	–40…+167 °F (–40…+75 °C)
Dielectric Withstanding Voltage (Resistor)	A	700V
	B & C	500V

∗ Performance Data — See this catalog, Important- 3.

‡ The power rating of the resistor block operating in ambient temperatures of 86…104 °F (30…40 °C) should be derated for maximum resistor life. The derating curve is linear between 86 °F (30 °C) and 104 °F (40 °C) where the power rating is 100% of specified power at 86 °F (30 °C) and 85% at 104 °F (40 °C).

§ For further information on resistor performance, consult your local Rockwell Automation sales office or Allen-Bradley distributor.

Resistor Codes for 1492-RD3RB..., -H2RB... and -HM2RB Terminal Blocks

Ordering Information

In order to complete the cat. no. for **1492-RD3RB..., 1492-H2RB, and 1492-HM2RB**, add the desired resistor code from the table below. Example: Cat. No. **1492-RD3RB101** is a resistor terminal block with a 100 (Ω) — 1/4 W resistor.

Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code
10	100	267	271	8250	822	0.221M	224
11	110	301	301	9090	912	0.243M	244
12.1	120	332	331	10 000	103	0.267M	274
13	130	357	361	11 000	113	0.301M	304
15	150	392	391	12 100	123	0.332M	334
16	160	432	431	13 000	133	0.357M	364
18.2	180	475	471	15 000	153	0.392M	394
20	200	511	511	16 200	163	0.432M	434
22.1	220	562	561	18 200	183	0.475M	474
24.3	240	619	621	20 000	203	0.511M	514
26.7	270	681	681	22 100	223	0.562M	564
30.1	300	750	751	24 300	243	0.619M	624
33.2	330	825	821	26 700	273	0.681M	684
35.7	360	909	910	30 100	303	0.75M	754
39.2	390	1000	102	33 200	333	0.825M	824
43.2	430	1100	112	35 700	363	0.909M	914
47.5	470	1210	122	39 200	393	1.0M	105
51.1	510	1300	132	43 200	433	1.1M	115
56.2	560	1500	152	47 500	473	1.24M	125
61.9	620	1620	162	51 100	513	1.3M	135
68.1	680	1820	182	56 200	563	1.5M	155
75	750	2000	202	61 900	623	1.62M	165
82.5	820	2210	222	68 100	683	1.82M	185
90.9	910	2430	242	75 000	753	2.0M	205
100	101	2670	272	82 500	823	2.21M	225
110	111	2940	302	90 900	913	2.43M	245
121	121	3320	332	0.10M	104	2.67M	275
130	131	3570	362	0.11M	114	3.01M	305
150	151	3920	392	0.121M	124	3.32M	335
162	161	4750	472	0.13M	134	3.57M	365
182	181	5110	512	0.15M	154	3.92M	395
200	201	5620	562	0.162M	164	4.32M	435
221	221	6810	682	0.182M	184	4.75M	475
243	241	7500	752	0.20M	204	249	001

Resistor Codes for 1492-H2RA… and -HM2RA Terminal Blocks

Ordering Information

In order to complete the cat. no. for **1492-H2RA…** and **1492-HM2RA**, add the desired resistor code from the table below. Example: Cat. No. **1492-H2RA101** is a resistor terminal block with a 100 (Ω) — 1/2 W resistor.

Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code
1.0	10G	43	430	1800	182	75000	753	3.3M	335
1.1	11G	47	470	2000	202	82000	823	3.6M	365
1.2	12G	51	510	2200	222	91000	913	3.9M	395
1.3	13G	56	560	2400	242	0.10M	104	4.3M	435
1.5	15G	62	620	2700	272	0.11M	114	4.7M	475
1.6	16G	68	680	3000	302	0.12M	124	5.1M	515
1.8	18G	75	750	3300	332	0.13M	134	5.6M	565
2.0	20G	82	820	3600	362	0.15M	154	6.2M	625
2.2	22G	91	910	3900	392	0.16M	164	6.8M	685
2.4	24G	100	101	4300	432	0.18M	184	7.5M	755
2.7	27G	110	111	4700	472	0.20M	204	8.2M	825
3.0	30G	120	121	5100	512	0.22M	224	9.1M	915
3.3	33G	130	131	5600	562	0.24M	244	10M	106
3.6	36G	150	151	6200	622	0.27M	274	11M	116
3.9	39G	160	161	6800	682	0.30M	304	12M	126
4.3	43G	180	181	7500	752	0.33M	334	13M	136
4.7	47G	200	201	8200	822	0.36M	364	15M	156
5.1	51G	220	221	9100	912	0.39M	394	16M	166
5.6	56G	240	241	10 000	103	0.43M	434	18M	186
6.2	62G	270	271	11 000	113	0.47M	474	20M	206
6.8	68G	300	301	56 200	123	0.51M	514	22M	226
7.5	75G	330	331	12 000	133	0.56M	564	24M	246
8.2	82G	360	361	13 000	153	0.62M	624	27M	276
9.1	91G	390	391	15 000	163	0.68M	684	30M	306
10	100	430	431	18 000	183	0.75M	754	33M	336
11	110	470	471	20 000	203	0.82M	824	36M	366
12	120	510	511	22 000	223	0.91M	914	39M	396
13	130	560	561	24 000	243	1.0M	105	43M	436
15	150	620	621	27 000	273	1.1M	115	47M	476
16	160	680	681	30 000	303	1.2M	125	51M	516
18	180	750	751	33 000	333	1.3M	135	56M	566
20	200	820	821	36 000	363	1.5M	155	62M	626
22	220	910	911	39 000	393	1.6M	165	68M	686
24	240	1000	102	43 000	433	1.8M	185	75M	756
27	270	1100	112	47 000	473	2.0M	205	82M	826
30	300	1200	122	51 000	513	2.2M	225	91M	916
33	330	1300	132	56 000	563	2.4M	245	100M	107
36	360	1500	152	62 000	623	2.7M	275		
39	390	1600	162	68 000	683		305		

Surge Suppressor Performance Characteristics and Electrical Component Data*

Surge Suppressor Terminal Blocks			
Performance Characteristic	Cat. No. 1492-H2K024 1492-HM2K024	Cat. No. 1492-H2K120 1492-HM2K120	Cat. No. 1492-H2K240 1492-HM2K240
Nominal Working Voltage (Volts AC or DC) [V]	24	120	240
Maximum AC Working Voltage RMS Continuous (60 Hz) [V]	30	140	275
Maximum DC Working Voltage Continuous [V]	38	160	369
Maximum Clamping Voltage at Current Ip (8/20 µs pulse) [V]	92V I_p = 6 A	360V I_p = 14 A	710V I_p = 17 A
Maximum Voltage Rate of Rise Bulletin 100 Contactors Types A38…B180 Bulletin 500 Contactors & Starters, Size 0…5 Bulletin 700 Relays	—	<10 V/µs	<10 V/µs
Peak Current (8/20 µs pulse)	250 A	150 A	150 A
Typical Leakage Current at Nominal AC Working Voltage	1.0 mA	4.5 mA	10.0 mA
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current Ip (8/20 µs Pulse) Maximum Transient Energy Maximum Power Dissipation	—	—	—

* Performance Data — See this catalog, Important 3.
Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to WARRANTY and LIMIT OF LIABILITY.

Component Specifications

Characteristic	Suppressor Cat. No. 1492-H2K024 1492-HM2K024	Suppressor Cat. No. 1492-H2K120 1492-HM2K120	Suppressor Cat. No. 1492-H2K240 1492-HM2K240
Capacitor			
Nominal Value	0.10 µF	0.10 µF	0.10 µF
Tolerance	±20%	±20%	±20%
Maximum DC Working Voltage	500V DC	500V DC	500V DC
Metal Oxide Varistor (MOV)	92V	360V	710V
Maximum Clamping Voltage at Current I_p (8/20 µs Pulse)	I_p = 5 A	I_p = 10 A	I_p = 10 A
Maximum Transient Energy	1.8 J	12 J	23 J
Maximum Power Dissipation	0.25 W	0.25 W	0.25 W
Resistor			
Nominal Value	100 Ω	100 Ω	100 Ω
Tolerance	±20%	±20%	±20%
Power Rating	2 W at 104 °F (40 °C)	2 W at 104 °F (40 °C)	2 W at 104 °F (40 °C)

Technical Specifications for Fuse Plugs❄

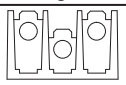
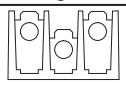
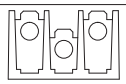
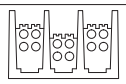
Characteristic	1492-FP4	1492-FP424	1492-FP4250
Indicator Type	Non-Indicating	LED	Neon
Leakage Current	—	2 mA @ 24V	1 mA @ 264V
Working Voltage	Per Fuse Rating	10…57V AC/DC	85…264V AC
Fuse Size (Not Supplied)	5 x 20 mm		

❄ Maximum current rating for the fuse plug is 10 A at 250V. IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

UL/CSA File and Guide Numbers

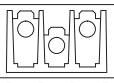
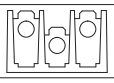
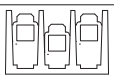
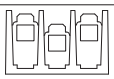
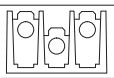
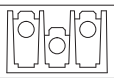
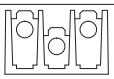
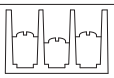
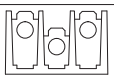
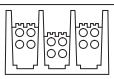
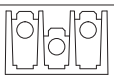
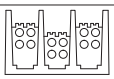
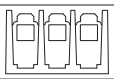
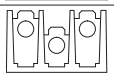
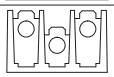
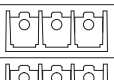
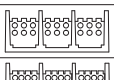
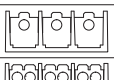
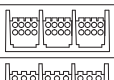
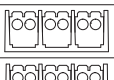
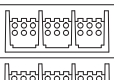
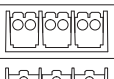
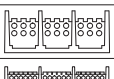
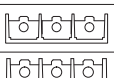
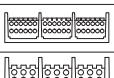
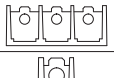
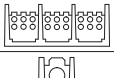
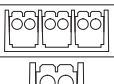
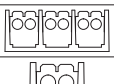
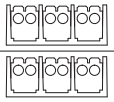
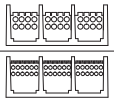
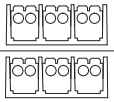
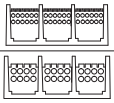
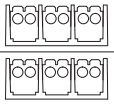
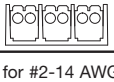
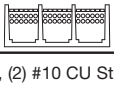
Base Cat. No.	UL Number File	UL Number Guide	CSA Number File	CSA Number Class
1492-CA, -CE, -CD	E40735	XCFR2	LR67896	6228-01
1492-CB	E65138	QVNU2	LR37712	9091-01
1492-CE6	E34648	IZLT2	LR67896	6228-01
1492-F	E40735	XCFR2	LR67896	6228-01
1492-FB	E34646	IZLT	LR70915	6225-01
1492-H1, -H2, -HM1, -HM2, -HM3	E40735	XCFR2	LR67896	6228-01
1492-H4, -H5, -H6, -H7	E40735	XCFR2	LR67896	6228-01
1492-HC6, -HJ	E40735	XCFR2	LR67896	6228-01

Bul. 1492-PD Open-Style Mini Blocks

Amperage	No. of Poles	Line			Load			High Fault SCCR Available	Flexible Copper Wire Connections	Mini Block	Power Block Cover
		Connector Diagram	Wire Range AWG (mm^2)	Wires per Pole	Connector Diagram	Wire Range AWG (mm^2)	Wires per Pole			Cat. No.	Cat. No.
115	3		#2…14 (35…2.5)★	1		#2…14 (35…2.5)★	1	Yes	Yes	**1492-PDM3111**	1492-PBC9
	3		#2…14 (35…2.5)★	1		#10…18 (6…0.75)	4	Yes	Yes	**1492-PDM3141**	1492-PBC9

★ Wire openings rated for #2-14 AWG are multiple wire rated: (2) #8 CU Str, (2) #10 CU Str, (2) #12 CU Str, and (2) #14 CU Str.

Bul. 1492-PD Open-Style

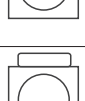
Amperage	No. of Poles	Line			Load			High Fault SCCR Available	Flexible Copper Wire Connectors		Cover
		Connector Diagram	Wire Range AWG (mm^2)	Wires per Pole	Connector Diagram	Wire Range AWG (mm^2)	Wires per Pole			Cat. No.♠	Cat. No.
115	1		#2…14 (35…2.5)★	1		#2…14 (35…2.5)★	1	Yes	Yes	**1492-50Y**	1492-PBC4
	3		#2…14 (35…2.5)★	1		#2…14 (35…2.5)★	1	Yes	Yes	**1492-50X**	1492-PBC1
150	3		1/0...#14 (50…2.5)	1		1/0...#14 (50…2.5)	1	—	Yes	**1492-PD3C111**	1492-PBC1
175	1		2/0…#14 (70…2.5)	1		2/0…#14 (70…2.5)	1	Yes	Yes	**1492-100Y**	1492-PBC4
	1		2/0…#14 (70…2.5)	1		1/4" Tap w/ Binding Screw	1	Yes	Yes	**1492-50YF**	1492-PBC4
	3		2/0…#14 (70…2.5)	1		2/0…#14 (70…2.5)	1	Yes	Yes	**1492-100X**	1492-PBC1
	3		2/0…#14 (70…2.5)	1		1/4' Tap w/ Binding Screw	1	Yes	Yes	**1492-50 XF**	1492-PBC1
	3		2/0…#14 (70…2.5)	1		#4…14 (25…2.5)‡	4	Yes	Yes	**1492-PD3141**	1492-PBC1
	3		2/0…#14 (70…2.5)	1		#4...14 (25…2.5)‡	4	Yes	Yes	**1492-PD3C141**	1492-PBC1
255	1		250 kcmil… #6 AWG (120…16 mm^2)	1		250 kcmil… #6 AWG (120…16 mm^2)	1	Yes	Yes	**1492-BE**	1492-PBC5
	3		250 kcmil…#6 (120…16)	1		250 kcmil…#6 (120…16)	1	Yes	No	**1492-PD3C112**	1492-PBC2
310	3		350 kcmil… #6 (185…16)	1		350 kcmil… #6 (185…16)	1	Yes	Yes	**1492-PD3113**	1492-PBC2
335	3		400 kcmil… #6 (185 …16)	1		#2…14 (35…2.5)★	6	Yes	Yes	**1492-PD3163**	1492-PBC2
	3		400 kcmil… #6 (185…16)	1		#2…14 (35…2.5)★	8	Yes	Yes	**1492-PD3183**	1492-PBC8
350	3		2/0…#14 (70…2.5)	2		#4…14 (25…2.5)‡	6	Yes	Yes	**1492-PD3263**	1492-PBC2
	3		2/0…#14 (70…2.5)	2		#4…14 (25…2.5)‡	6	Yes	Yes	**1492-PD3C263**	1492-PBC2
380	3		500 kcmil… #4 (240…25)	1		#2…14 (35…2.5)★	12	Yes	Yes	**1492-PD31123**	1492-PBC3
	3		500 kcmil…#4 (240…25)	1		#2…14 (35…2.5)★	6	Yes	Yes	**1492-PD3C163**	1492-PBC2
420	1		600 kcmil… #4 AWG (300…25 mm^2)	1		600 kcmil… #4 AWG (300…25 mm^2)	1	Yes	Yes	**1492-BF**	1492-PBC6
620	3		350 kcmil… #6 (185…16)	2		350 kcmil…#6 (185…16)	2	Yes	Yes	**1492-PD3226**	1492-PBC3
760	1		#4 AWG…500 MCM 25…240 mm^2	2		#4 AWG…500 MCM 25…240 mm^2	2	Yes	Yes	**1492-BG**	1492-PBC7
	3		500 kcmil… #6 (240…25)	2		#2/0…14 (70…2.5)	8	Yes	Yes	**1492-PD3287**	1492-PBC3
	3		500 kcmil… #6 (240…16)	2		#4…14 (25…2.5)‡	12	Yes	Yes	**1492-PD32127**	1492-PBC3
	3		500 kcmil…#4 (240…25)	2		2/0…14 (70…2.5)	8	Yes	Yes	**1492-PD3C287**	1492-PBC3
	3		500 kcmil…#4 (240…25)	2		#2…14 (35…2.5)★	12	Yes	Yes	**1492-PD3C2127**	1492-PBC3

★ Wire openings rated for #2-14 AWG are multiple wire rated: (2) #8 CU Str, (2) #10 CU Str, (2) #12 CU Str, and (2) #14 CU Str.

‡ Wire openings rated openings rated for #4-14 AWG are multiple wire rated: (2) #10 CU Str, (2 to 4) #12 CU Str, and (2 to 4) #14 CU Str.

♠ The **C** in the cat. no. designates copper terminals. The cat. nos. without the **C**, have aluminum connectors.

Bul. 1492-PDL Open-Style - Feeder Spacing

Amperage (Cu Wire) 75 ° C	No. of Poles	Line			Load			High Fault SCCR Available	Flexible Copper Wire Conn.	Cat. No.	Replacement Accessories	
		Connector Diagram	Wire Range AWG (mm2)	Openings per Pole	Connector Diagram	Wire Range AWG (mm^2)	Openings per Pole				Covers Cat. No.	Marking Strips Cat. No.
175	3		2/0…#14 (70…2.5)	1		2/0…#14 (70…2.5)	1	Yes	—	**1492-PDL3111**	1492-PDLC1	1492-PDLM1
	3		2/0…#14 (70…2.5)	1		#4…14 (25…2.5)★	4	Yes	—	**1492-PDL3141**		
	3		2/0…#14 (70…2.5)	1		1/4…20 stud	—	Yes	—	1492-PDL31S1		
	3		2/0…#14 (70…2.5)	1		#4…14 (25…2.5)★	6	Yes	—	**1492-PDL3161**		
335	3		400 kcmil…#6 (185…16)	1		#2…14 (35…2.5)	6	Yes	—	**1492-PDL3163**	1492-PDLC2	1492-PDLM2
	3		600 kcmil…#2 (300…35)	1		#2…14 (35…2.5) #2…14 (35…2.5) 1/0…#14 (55…2.5)★	3 3 3	Yes	—	**1492-PDL3194**		
	3		600 kcmil…#2 (300…35)	1		#4…14 (25…2.5)‡	12	Yes	—	**1492-PDL31124**		

★ Wire openings rated for #2-14 AWG are multiple wire rated: (2) #8 CU Str, (2) #10 CU Str, (2) #12 CU Str, and (2) #14 CU Str.
‡ Wire openings rated openings rated for #4-14 AWG are multiple wire rated: (2) #10 CU Str, (2 to 4) #12 CU Str, and (2 to 4) #14 CU Str.

Amperage (Cu Wire) 75 °C	No. of Poles	Line			Load			High Fault SCCR Available	Flexible Copper Wire Connections	Cat. No.♠
		Connector Diagram	Wire Range AWG (mm^2)	Openings per Pole	Connector Diagram	Wire Range AWG (mm^2)	Openings per Pole			
115	1		#2...#14 (35…2.5)	1		#2...#14 (35…2.5)§	1	Yes	Yes	Δ **1492-PDME1111**
	1		#2...#14 (35…2.5)	1		#10...#14 (6…2.5)	4	Yes	Yes	Δ **1492-PDME1141**
200	1		2/0...#14 (70…2.5)	1		2/0...#14 (70…2.5)♣	1	Yes	Yes	Δ **1492-PDE1112** Δ **1492-PDE1C112**
	1		2/0...#14 (70…2.5)	1		#2...#14 (35…2.5)§	4	Yes	Yes	Δ **1492-PDE1142** **1492-PDE1C142**
510	1		250 kcmil...#6 (120…16)	2		250 kcmil...#6 (120…16)	2	Yes	Yes (line side)	**1492-PDE1225** 1492-PDE1C225
335	1		400 kcmil...#6 (185…16) 2/0...#14 (70…2.5)	1		#2...#14 (35…2.5)§	8	Yes	Yes (line side)	**1492-PDE1183** **1492-PDE1C183**

§ Wire openings rated for #2-14 AWG are multiple wire rated: (2) #6 CU Str, (2) #8 CU Str, (2-4) #10 CU Str, (2 to 4) #12 CU Str, and (2 to 4) #14 CU Str.
♣ Wire openings rated for #2/0 -14 AWG are multiple wire rated: (2) #4 CU Str, (2) #6 CU Str, (2) #8 CU Str, (2) #10 CU Str, (2) #12 CU Str
& Flexible copper wire connections approved for flexible wire, stranding Classes G, H, I, K and DLO wire without the need for additional crimp connectors
♠ The **C** in the cat. no. designates copper terminals. The cat. nos. without the **C**, have aluminum connectors
Δ UL 1953 Listed E 313475 Guide QPQS

High Fault Short-Circuit Current Ratings

The following Ratings for “High Short Circuit Current Ratings” are based upon testing of the Power Terminal Block and Overcurrent Protective Device (OPD - either fuse or circuit breaker)wired in series and the combination of devices exposed to fault currents of the levels noted in the tables. For the Power Terminal Block to obtain the noted SCCR rating, the combination, including wiring, must suffer no damage and all wiring remain intact until the Overcurrent Protective Device, clears the fault.

For these ratings only one wire per terminal is used.

In some cases the wire size noted is less than the maximum capability of the Power Distribution Block, The noted wire size is the maximum permissible to obtain the noted SCCR rating with the noted Overcurrent Protective Device.

When a larger overcurrent protective device of the type or wire of different size is used, the Power Distribution Block has a 10,000 A SCCR withstand rating, per Table SB4.1 of UL Standard 508A.

The most up-to-date High SCCR ratings may be found via UL website, http://www.ul.com http://www.ul.com– Online Certifications Directory. For UL1059 certified Power Terminal Blocks, use file number E40735. For UL1953 listed devices the standard requires a 100,000 A minimum SCCR, use file number E313475

Bulletin 1492-PD High Fault SCCR Ratings With Fuses

Cat. No.	High Fault SCCR Ratings Conditions ★								SCCR ‡	
	Suitable Conductors § kcmil/AWG Copper Wire		Overcurrent Protection ♣ Fuse Required Class/Max. Amp Rating						RMS Sym A	Volts Max.
	Line	Load	J	T	RK1	RKS	G	CC		
1492-50X	2-6 Cu	2-6 Cu	300	300	200	100	60	30	100 000	600
	8-10 Cu	8-10 Cu	150	150	100	30	60	30	100 000	600
1492-50XF	2/0-6 Cu	2/0-6 Cu	200	200	200	100	60	30	100 000	600
	8-10 Cu	8-10 Cu	100	100	100	100	60	30	100 000	600
1492-50Y	2-6 Cu	2-6 Cu	300	300	200	100	60	30	100 000	600
	8-10 Cu	8-10 Cu	150	150	100	30	60	30	100 000	600
1492-50YF	2/0-6 Cu	2/0-6 Cu	200	200	200	100	60	30	100 000	600
	8-10 Cu	8-10 Cu	100	100	100	100	60	30	100 000	600
1492-100X	2/0-6 Cu	2/0-6 Cu	300	300	200	100	60	30	65 000	600
1492-100Y	2/0-6 Cu	2/0-6 Cu	300	300	200	100	60	30	65 000	600
1492-BE	250-6 Cu	250-6 Cu	300	300	200	100	60	30	100 000	600
1492-BF	600-2 Cu	600-2 Cu	600	600	—	—	—	—	100 000	600
			400	400	400	200	60	30	100 000	600
1492-BG	2)500-4 Cu	2)500-4 Cu	600	600	400	200	60	30	100 000	600
1492-PD3113	350-1/0 Cu	350-1/0 Cu	400	400	400	100	60	30	100 000	600
	350-6 CU	350-6 Cu	300	300	200	100	60	30	100 000	600
1492-PD3141	2/0-6 Cu	4-14 Cu	200	200	200	100	60	30	100 000	600
1492-PD3163	400-3/0 Cu	2-8 Cu	400	400	400	200	—	30	200 000	600
			600	—	—	—	60	—	100 000	600
	2/0-6 Cu	2-14 Cu	200	200	200	100	—	30	200 000	600
			—	—	—	—	60	—	100 000	600
1492-PD3183	400-3/0 Cu	2-8 Cu	400	400	400	200	60	30	100 000	600
	2/0-6 Cu	2-14 Cu	200	200	200	100	60	30	100 000	600
1492-PD31123	500-3/0 Cu	2-8 Cu	400	400	400	200	60	30	100 000	600
	2/0-4 Cu	2-14 Cu	200	200	200	100	60	30	100 000	600
1492-PD3263	2)2/0-2 Cu	4-8 Cu	400	400	400	100	60	30	100 000	600
	2)4-6 Cu	10-14 Cu	300	300	200	100	60	30	100 000	600
1492-PD3226	2)350-4 Cu	2)350-4 Cu	450	450	400	200	60	30	100 000	600
1492-PD3287	500-250 Cu	2/0-4 Cu	600	600	400	200	60	30	100 000	600
	4/0-4 Cu	2/0-10 Cu	600	600	—	—	—	—	50 000	600
			400	400	400	200	60	30	100 000	600
1492-PD32127	500-250 Cu	4-8 Cu	600	600	600	—	—	—	50 000	600
			400	400	400	200	60	30	100 000	600
	4/0-4 Cu	4-14 Cu	600	600	—	—	—	—	50 000	600
			400	400	400					
1492-PD3C112	250-6 CU	250-6 Cu	300	300	200	100	60	30	100 000	600
1492-PD3C141	2/0-6 Cu	4-14 Cu	200	200	200	100	60	30	100 000	600
1492-PD3C163	500-3/0 Cu	2-8 Cu	400	400	400	200	60	30	100 000	600
	2/0-4 Cu	2-14 Cu	200	200	200	100	60	30	100 000	600
1492-PD3C263	2/0-2 Cu	4-8 Cu	400	400	400	100	60	30	100 000	600
	4-6 Cu	10-14 Cu	200	200	200	100	60	30	100 000	600
1492-PD3C287	500-250 Cu	2/0-4 Cu	600	600	400	200	60	30	100 000	600
	4/0-4 Cu	2/0-6 Cu	600	600	—	—	—	—	50 000	600
			400	400	400	200	60	30	100 000	600
1492-PD3C2127	500-250 Cu	2-8 Cu	600	600	600	—	—	—	50 000	600
			400	400	400	200	60	30	100 000	600
	4/0-4 Cu	2-14 Cu	600	600	—	—	—	—	50 000	600
			400	400	400	200	60	30	100 000	600

With Circuit Breakers

Cat. No.	High Fault SCCR Ratings Conditions ★					
	Suitable Conductors § kcmil/AWG Copper Wire		Overcurrent Protection ♣ Allen-Bradley Circuit Breaker		SCCR, RMS, Sym A	Volts Max, AC
	Line	Load	Type	Map Amp		
1492-PD31123	350 - 4 Cu	2-14 Cu	140U-J3D3	250	35 000	480
	500 - 4 Cu	2-6 Cu	140U-K3D3	400	35 000	480
1492-PD3141	2/0 - 1 Cu	4-10 Cu	140U - J3D3, 140U - J6D3	250	22 000	480
	2-4 Cu	4-12 Cu	140U - J3D3, 140U - J6D3	250	22 000	480
	2-6 Cu	4-14 Cu	140U - H3C3	125	30 000	480
	6 Cu	14 Cu	140U - H3C3	125	50 000	480
1492-PDM3141	2-10 Cu	10-14 Cu	140U - H3C3, 140U - H6C3	125	25 000	480
1492-PD3163	400 - 3/0 Cu	2-8 Cu	140U - K6X3, 140U - K3X3	400	65 000	480
	4/0 - 4 Cu	2-12 Cu	140U - J6X3, 140U - J3X3	250	25 000	480

Bulletin 1492-PDL High Fault SCCR Ratings
With Fuses

Cat. No.	High Fault SCCR Ratings Conditions ★								SCCR ‡	
	Suitable Conductors § kcmil/AWG Copper Wire		Overcurrent Protection ♣ Fuse Required Class/Max. Amp Rating						RMS Sym A	Volts Max.
	Line	Load	J	T	RK1	RKS	G	CC		
1492-PDL3111	2/0-6 Cu	2/0-6 Cu	200	200	200	100	60	30	100 000	600
1492-PDL3141	2/0-6 Cu	4-14 Cu	200	200	200	100	60	30	100 000	600
1492-PDL3161	2/0-6 Cu	4-14 Cu	200	200	200	100	60	30	100 000	600
1492-PDL31S1	2/0-6 Cu	2/0-6 Cu	200	200	200	100	60	30	100 000	600
	8-10 Cu	8-10 Cu	100	100	100	30	60	30	100 000	600
1492-PDL3163	400-3/0 Cu	2-8 Cu	400	400	400	100	60	30	100 000	600
	2/0-6 Cu	2-14 Cu	200	200	200	100	60	30	100 000	600
1492-PDL3194	600-3/0 Cu	1/0-8 Cu	600	600	400	200	60	30	100 000	600
	2/0-2 Cu	2-14 Cu	200	200	200	100	60	30	100 000	600
1492-PDL31124	600-3/0 Cu	4-8 Cu	600	600	400	100	60	30	100 000	600
	2/0-2 Cu	4-12 Cu	200	200	200	100	60	30	100 000	600

With Circuit Breakers

Cat. No.	High Fault SCCR Ratings Conditions ★					
	Suitable Conductors § kcmil/AWG Copper Wire		Overcurrent Protection ♣ Allen-Bradley Circuit Breaker		SCCR, RMS, Sym A	Volts Max, AC
	Line	Load	Type	Map Amp		
1492-PDL3141	2/0-4 Cu	4-8 Cu	140U-J6, 140U-J0	250	50 000	480
	1/0-6 Cu	4-10 Cu	140U-H6, 140U-H0	125	50 000	480
1492-PDL3161	2/0-6 Cu	4-12 Cu	140U-H6, 140U-H0	125	50 000	480
	2/0-4 Cu	4-8 Cu	140U-J6, 140U-J0	250	35 000	480
1492-PDL3163	400-3 Cu	2-3 Cu	140U-K6	400	35 000	480
	350-4 Cu	2-8 Cu	140U-J6, 140U-J0	250	50 000	480
1492-PDL3194	600-2 Cu	4 Cu	140U-K6	400	35 000	480
	350-2 Cu	4-8 Cu	140U-K6, 140U-J0	250	50 000	480
1492-PDL31124	600-2 Cu	2-8 Cu	140U-K6	400	30 000	480
	350-2 Cu	2-8 Cu	140U-K6, 140U-J0	250	50 000	480

Bulletin 1492-PDE High Fault SCCR Ratings With Fuses

Cat. No.	High Fault SCCR Ratings Conditions ★								SCCR ‡	
	Suitable Conductors § kcmil/AWG Copper Wire		Overcurrent Protection ♣ Fuse Required Class/Max. Amp Rating						RMS Sym A	Volts Max.
	Line	Load	J	T	RK1	RKS	G	CC		
1492-PDE1111	2/0-6 Cu	2/0-6 Cu	300	300	200	100	60	30	100 000	600
1492-PDE1112	3/0-8 Cu (B-C)	3/0-8 Cu (B-C)	225	225	200	60	60	30	100,000	600
	2/0-8 Cu (G-I)	2/0-8 Cu (G-I)	300	300	200	100	60	30	100 000	600
1492-PDE1C111	2/0-6 Cu	2/0-6 Cu	300	300	200	100	60	30	100 000	600
1492-PDE1C112	3/0-8 Cu (B-C)	3/0-8 Cu (B-C)	225	225	200	60	60	30	100 000	600
	2/0-8 Cu (G-I)	2/0-8 Cu (G-I)	300	300	200	100	60	30	100 000	600
1492-PDE1141	2/0-6 Cu	2-14 Cu	300	300	200	100	60	30	100 000	600
1492-PDE1142	3/0-8 Cu (B-C)	2-8 Cu (B-C)	225	225	200	60	60	30	100 000	600
		8-14 Cu (B-C)	100	110	100	30	60	30	100 000	600
	2/0-8 Cu (G-I)	2/0-8 Cu (G-I)	225	225	200	60	60	30	100 000	600
		8-12 Cu (G-I)	100	110	100	30	60	30	100 000	600
1492-PDE1C141	2/0-6 Cu	2-14 Cu	300					30	100 000	600
1492-PDE1C142	3/0-8 Cu (B-C)	2-8 Cu (B-C)	225	225	200	60	60	30	100 000	600
		8-14 Cu (B-C)	100	110	100	30	60	30	100 000	600
	2/0-8 Cu (G-I)	2/0-8 Cu (G-I)	225	225	200	60	60	30	100 000	600
		8-12 Cu (G-I)	100	110	100	30	60	30	100 000	600
1492-PDE1183	400-3/0 Cu	2-8 Cu	400	400	400	200	60	30	100 000	600
	2/0-6 Cu	2-14 Cu	200	200	200	100	60	30	100 000	600
1492-PDE1C183	400-3/0 Cu	2-8 Cu	400	400	400	200	60	30	100 000	600
	2/0-6 Cu	2-14 Cu	200	200	200	100	60	30	100 000	600
1492-PDE1225	250-1/0 Cu	250-1/0 Cu	600	600	600	—	—	—	50 000	600
			400	400	400	200	60	30	100 000	600
	2-6 Cu	2-6 Cu	400	400	400	200	60	30	100 000	600
1492-PDE1C225	250-1/0 Cu	250-1/0 Cu	600	600	600	—	—	—	50 000	600
			400	400	400	200	60	30	100 000	600
	2-6 Cu	2-6 Cu	400	400	400	200	60	30	100 000	600
1492-PDM3111	2-6 Cu	2-6 Cu	200	200	200	100	60	30	100 000	600
	8-10 Cu	8-10 Cu	100	100	100	—	60	30	100 000	600
1492-PDME1111	2-14 Cu	2-14 Cu	175	225	100	30	60	30	100 000	600
1492-PDM3141	2-6 Cu	10-14 Cu	200	200	200	100	60	30	200 000	600
	8-10 Cu	14 Cu	100	100	100	30	60	30	100 000	600
1492-PDME1141	2-10 Cu (B-C) 4 - 10 Cu (G-K)	10-14 Cu (B-C) (G-K)	125	200	100	30	60	30	65 000	600

★ **Short-circuit Current Rating (SCCR) Conditions** — Terminal blocks are considered suitable for use on a circuit capable of delivering not more than the stated SCCR at the maximum voltage specified when protected by the maximum ampere and Class of overcurrent protective device noted in the individual Recognitions.

‡ **Short-circuit Current Rating, (SCCR)** when noted additional conditions are provided. When larger overcurrent protection devices of type, or wire of different size is used, the Power Terminal block as a 10,000 amp withstand rating. **Note** the rated wire range of terminals may exceed the restrictive wire range used to provide higher SCCR.

§ **Size Range of Line and Load** conductors suitable to maintain noted SCCR.

♣ **Maximum Size** of Line side overcurrent protection to provide noted SCCR.

Approximate Dimensions

Dimensions are in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

1492-PD

Figure 1

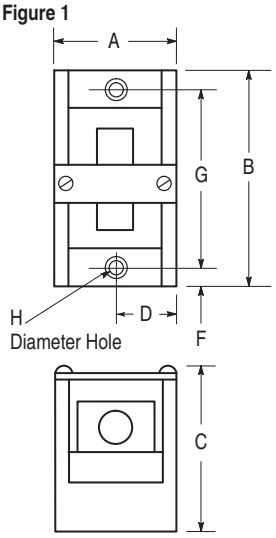


Figure 2

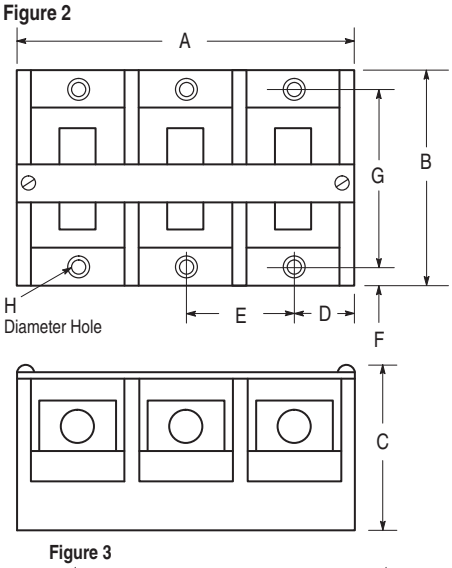
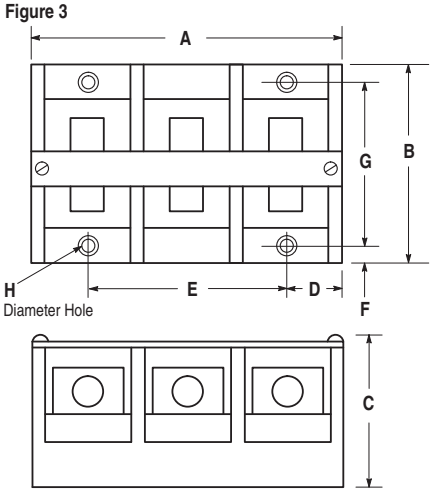


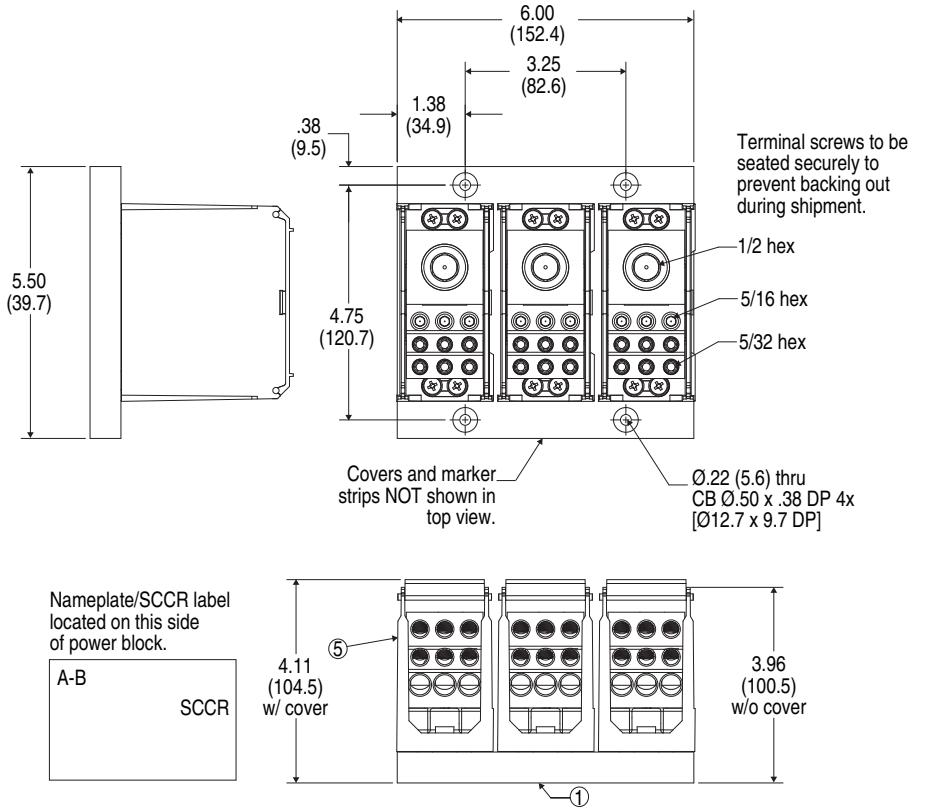
Figure 3



Cat. No.	Figure	A	B	C	D	E	F	G	H
1492-PDM3111	3★	2.03 (51.56)	2.29 (58.17)	1.62 (41.15)	0.38 (9.68)	1.27 (32.26)	0.19 (4.83)	1.93 (49.02)	0.201 (5.11)
1492-PDM3141	3★	2.03 (51.56)	2.29 (58.17)	1.62 (41.15)	0.38 (9.68)	1.27 (32.26)	0.19 (4.83)	1.93 (49.02)	0.201 (5.11)
1492-50Y	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100Y	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50X	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100X	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50XF	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50YF	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3C111	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3C141	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3141	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-BE	1	1.94 (49.28)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	—	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C112	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3113	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3263	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3163	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C163	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C263	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-BF	1	2.28 (57.91)	4.75 (120.65)	2.92 (74.2)	1.12 (28.45)	—	0.31 (7.87)	4.13 (104.9)	0.203 (5.16)
1492-PD3183	2	6.04 (153.42)	4.75 (120.65)	2.92 (74.2)	1.12 (28.45)	1.88 (47.75)	0.31 (7.87)	4.13 (104.9)	0.203 (5.16)
1492-BG	1	3.17 (80.25)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	—	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD31123	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3287	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD32127	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3226	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3C2127	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3C287	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)

★ No marker strip.

1492-PDL



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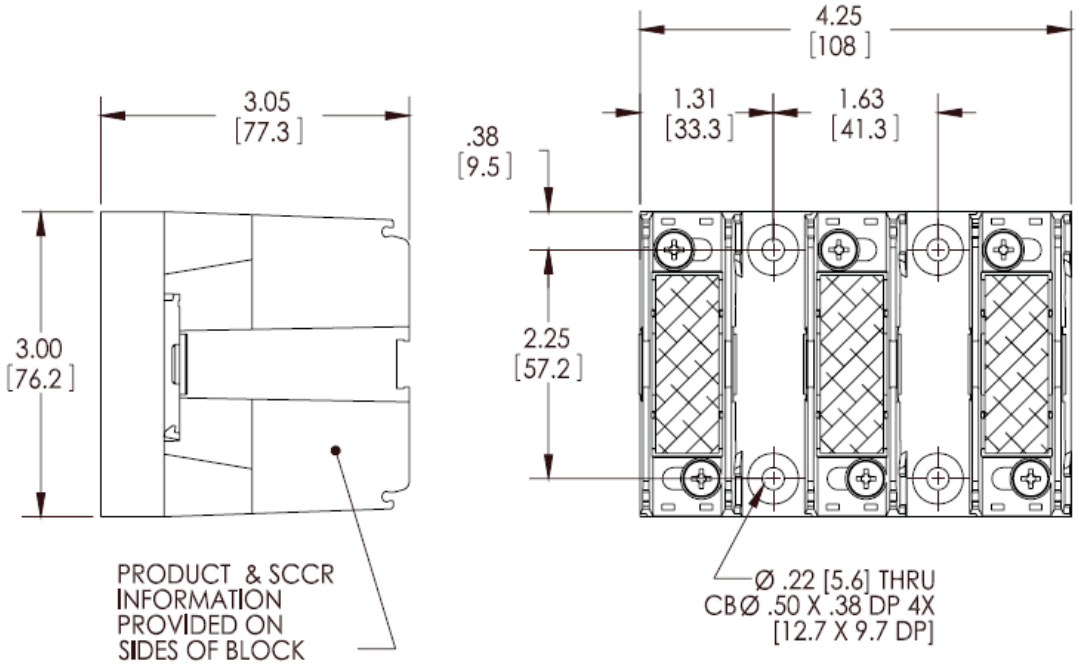

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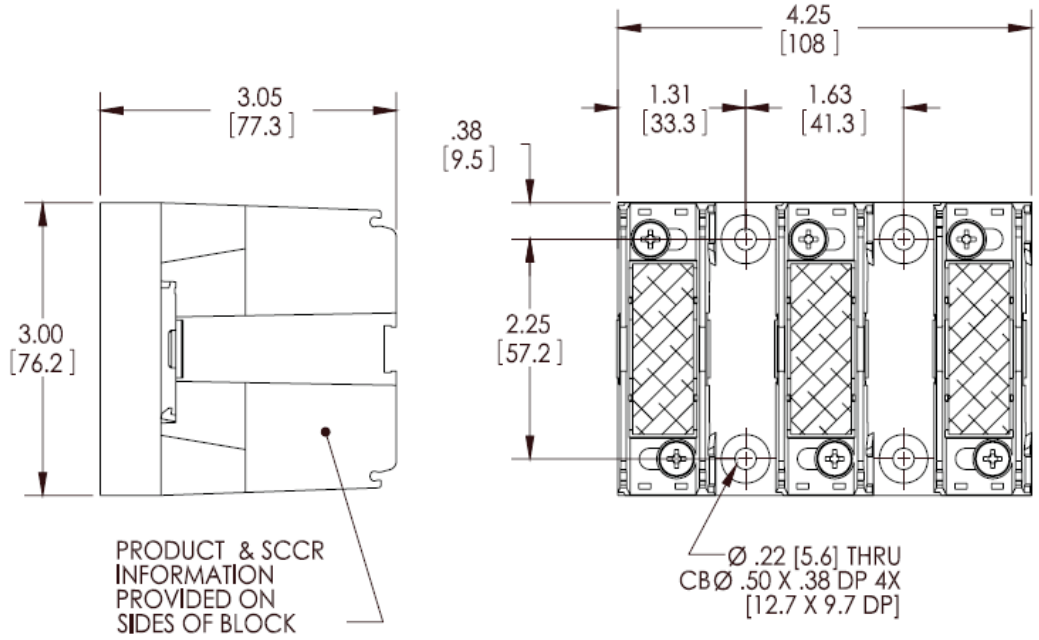

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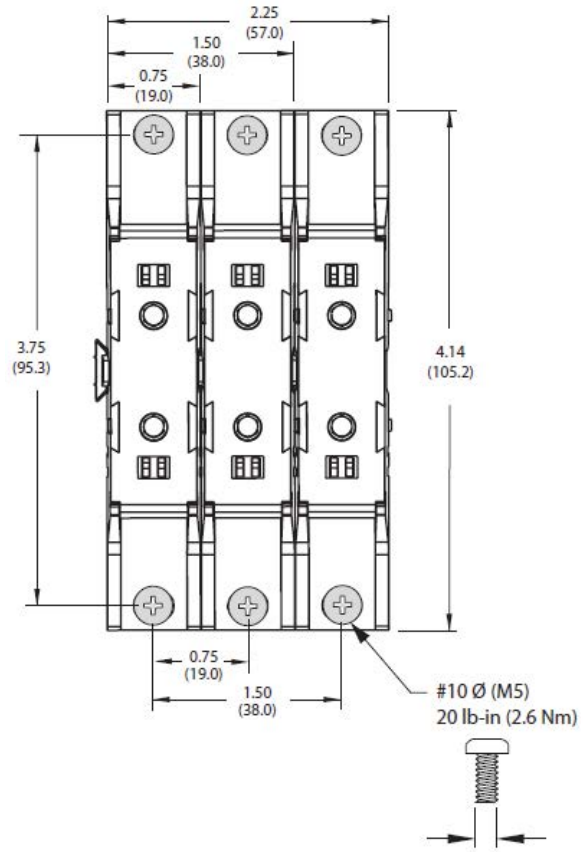
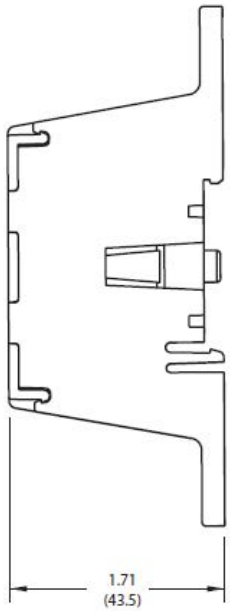
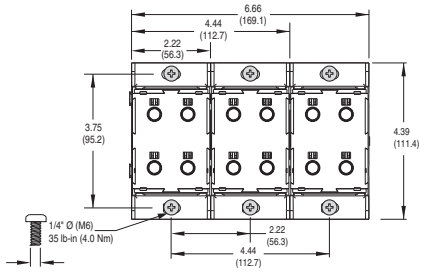
1492-PDE





Cat. Nos. 1492-PDME111 and 1492-PDME1141



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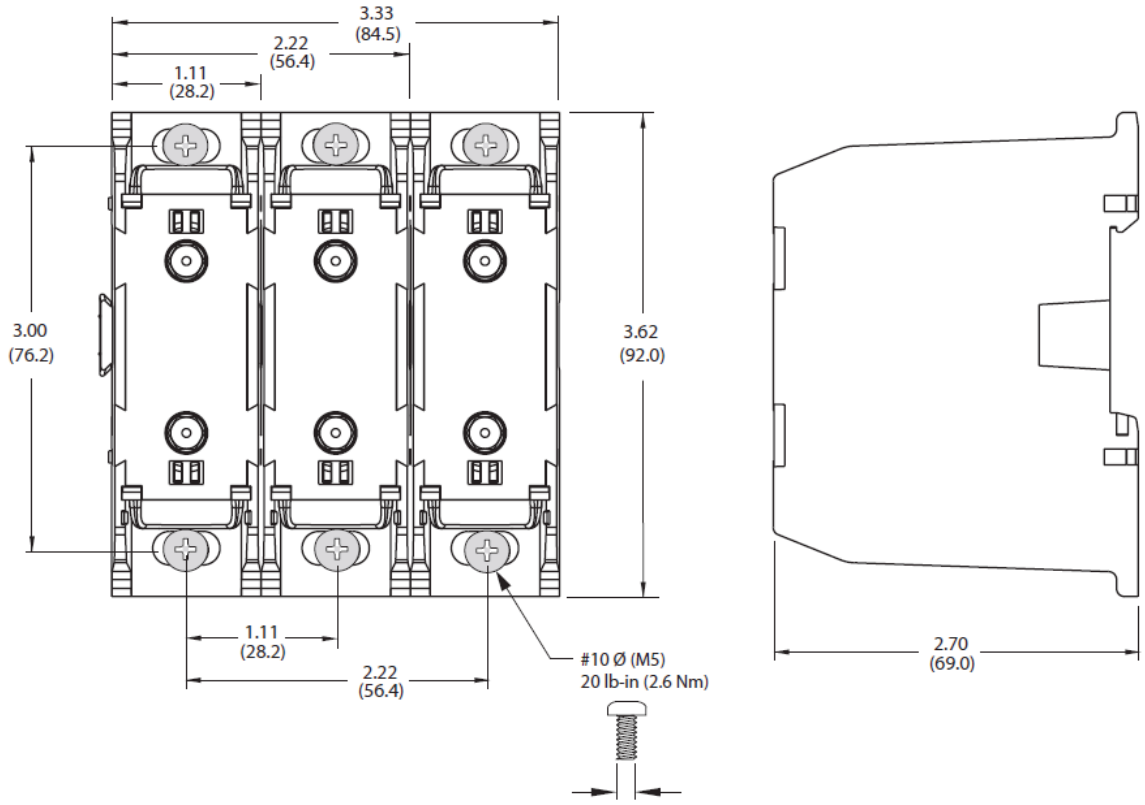

Cat. Nos. 1492-PDE1112, -PDE1C112, 1492-PDE1C12, 1492-PDE1142, 1492-PDE1C142

Important User Information

Read this document and the documents listed in the additional resources section about installation, configuration, and operation of this equipment before you install, configure, operate, or maintain this product. Users are required to familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.

Activities including installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice.

If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

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Publication 1492-TD015A-EN-P - August 2014

EQUIPMENT COVER SHEET

CLIENT: CITY OF BUCKEYE, AZ, USA **PF JOB NO.:** P23002

PROJECT NAME: SUNDANCE WATER TREATMENT PLANT EXPANSION

PROJECT DESCRIPTION: 2,000 GPM ARSENIC TREATMENT SYSTEM

PROJECT LOCATION: 22900 W. YUMA RD BUCKEYE, AZ 85326

CONSULTING ENGINEER: HILGARTWILSON LLC, PHOENIX, AZ, USA

CONTRACTOR: TBD

EQUIPMENT SUMMARY

MANUFACTURER: RITTAL

EQUIPMENT TYPE:

SUB-SYSTEM: VARIOUS

ITEM	QTY	PUREFLOW PART #	MANUFACTURER PART #	DESCRIPTION
1	4	100747	1038.000	ENCLOSURE, WALL MOUNTED, UL-TYPE 1/3R/4/12/IP66,CARBON STEEL, 380MMX600MMX210MM/15INX23.6INX8.3IN (WXHXD), QUARTER TURN LOCK, AX
2	4	100380	2503020	ENCLOSURE,HARDWARE,MOUNTING,WALL,BRACKET,UL-TYPE 1/3R/4/12,ZINC PLATED,WALL OFFSET:1.57"[40MM].8.2MM (5/16") MOUNTING HOLE,4PCS

Rittal – The System.

Faster – better – everywhere.

AX 1038.000

AX compact control cabinet

State: 4/30/2023 (Source: rittal.com/us-en)

AX 1038.000 - AX compact control cabinet Basic enclosure AX, carbon steel

System perfection. The new carbon steel compact enclosure AX offers maximum data quality and consistency in engineering, flexibility, and safety in assembly and interior installation.

Features

Model No.	AX 1038.000
Benefits	More interior installation options thanks to integral enclosure locators on a 25 mm system pitch pattern combined with the interior installation rail and our diverse range of system accessories Maintains the protection category (UL approval) by mounting the interior installation rail with no drilling required. Base configuration rail provides additional mounting level and increased load capacity Simple planning and configuration with the Rittal RiPanel configurator
Material	Housing: Carbon steel Door: Carbon steel, all-round foamed-in PU seal
Surface finish	Housing and door: Dipcoat primed, powder-coated on the outside, textured paint Mounting plate: Zinc-plated
Color	RAL 7035
Supply includes	Housing with door(s) Flange (gland) plate(s) in enclosure base Mounting plate Punched door strip Lock: 3 mm double-bit
Protection category NEMA	NEMA 1, 3R, 4, 12
Protection category IP to EN 60 529	IP 66
Type rating according to UL 50E	Type 1, 3R, 4, 12
IK code	IK10

Features

Dimensions	Width: 380 mm Height: 600 mm Depth: 210 mm Width: 15 ″ Height: 23.6 ″ Depth: 8.27 ″
Material thickness - door	1.5 mm 0.06 ″
Material thickness - enclosure	1.25 mm 0.05 ″
Material thickness – mounting plate	2.5 mm 0.1 ″
Dimensions of mounting plate (W x H)	330 mm x 575 mm 13 ″ x 22.6 ″
Number of doors	1
Interchangeable door catch	Yes
No. of locks	2
Lock	Lock version: Cam No. of locks: 2 Lock Insert: 3 mm double-bit
Gland plate	Size: 2 Qty.: 1
Base material	Carbon steel
Packaging unit	1 pc(s).
Weight/packaging unit	14.4 kg 31.7 lb.
Copper weight (kg per piece)	0
Customs tariff number	94032080
EAN	4028177813410
ETIM 7.0	EC000261
ECLASS 8.0	27180101

Approvals

Approvals	Bureau Veritas DNV-GL GOST Lloyds Register of Shipping UL + C-UL (listed)
Explanations	Manufacturer's declaration Declaration of conformity Declaration of conformity UK

Rittal – The System.

Faster – better – everywhere.

AX 2503.020

Wall mounting bracket

State: 4/30/2023 (Source: rittal.com/us-en)

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FRIEDHELM LOH GROUP

AX 2503.020 - Wall mounting bracket for AX carbon steel, KX carbon steel, AX IT EL

Ideal for convenient one-person assembly of wall-mounted enclosures, even in confined spaces.

Features

Model No.	AX 2503.020
Product description	Ideal for convenient one-person assembly of wall-mounted enclosures, even in confined spaces.
Benefits	Screw-fastened directly from the rear with a self-tapping screw into the enclosure eyelet Simple location of the wall bracket on a pre-configured screw in the wall The wall mounting can be optimally adapted to the local conditions via various mounting positions As an alternative to a self-tapping screw, the holder can also be secured from the inside using a screw and nut Additional option for fastening with a nut for dynamic applications
Material	Carbon steel, zinc-plated
Supply includes	Wall mounting bracket Cover Caps Assembly components
Wall distance	40 mm 1.57 ″
Type rating according to UL 50E	Type 1, 3R, 4, 12
Packaging unit	4 pc(s).

Features

Weight/packaging unit	0.568 kg 1.3 lb.
Copper weight (kg per piece)	0
Customs tariff number	73182900
EAN	4028177938274
ETIM 7.0	EC002625
ECLASS 8.0	27189234

Approvals

Approvals	DNV-GL GOST UL + C-UL - FTTA