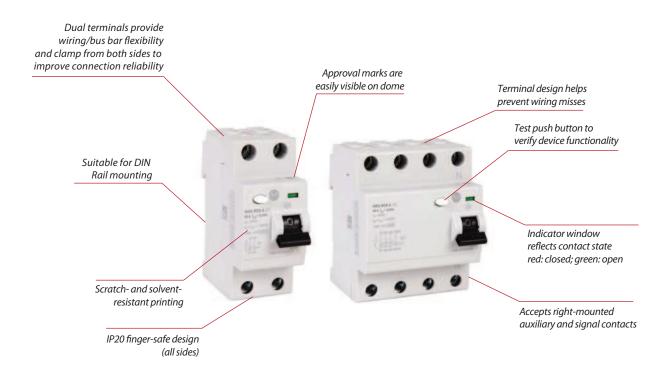
1492-RCD Residual Current Devices



The Bulletin 1492-RCD line includes Residual Current Devices, also known as Residual Current Circuit Breakers, for detecting and interrupting leakage current to ground. By detecting small leakage currents and disconnecting all ungrounded connectors quickly, RCDs can prevent injury to exposed personnel and damage to equipment.

RCDs are used in series with miniature circuit breakers for additional circuit protection from not only overload and short circuit, but also ground fault. Many short circuits begin as undetected ground faults. Using an RCD in an application may detect problems before costly equipment damage and downtime occurs.

These devices are Type A Residual Current Devices to IEC Standards.

Features

- Provides protection against current leakage to ground (earth) caused by an insulation loss between a live conductor and an exposed conductive part (such as an abraded wire, or a grounded person touching the live conductor)
- Suitable for protection against AC and pulsating DC (rectified AC) earth leakage current
- 30 mA sensitivity devices for personnel protection (consult local requirements)
- 100, 300 and 500 mA sensitivity devices for equipment protection
- Dual terminals allow a more secure connection of two wires, or both a wire and bus bar
- Reversible line and load connections

1492-RCD Residual Current Devices				
Current Ratings	25, 40, 63, 80 A			
Rated Sensitivity I∆n	30, 100, 300, 500 mA			
Poles	2, 4			
	UL 1053			
	ANSI/NFPA 70			
Standards Compliance	EN 61008			
compliance	CSA C22.2 No.144			
	GB 16916			
	cURus Recognized, File No. E53935			
	CE Marked			
Certifications	CCC Certified			
	VDE Certified			
	RoHS Compliant			

Catalog Number Explanation

Note: Examples given in this section are for reference purposes. This basic explanation should not be used for product selection; some combinations may not produce a valid catalog number.



	a
	Туре
Code	Description
RCDA	Residual Current Device, Type A

	Ь
	Poles
Code	Description
2	2-Pole
4	4-Pole

	C					
	Sensitivity I∆n					
Code	Rated Sensitivity [mA]					
A	30					
В	100					
C	300					
D	500					

	d					
	Rated Current (/ _n)					
Code	Current [A]					
25	25					
40	40					
63	63					
80	80					

е					
Delay Option (available on select 4-pole devices)					
Code	Description				
	Can be left blank				
S	With Delay				

Product Selection





			4-Pole (3-Pole + Neutral)		
Sensitivity (mA)	Rated Current (A)	2-Pole (1-Pole + Neutral)	Standard	With Delay	
	25	1492-RCDA2A25	1492-RCDA4A25	_	
30	40	1492-RCDA2A40	1492-RCDA4A40	_	
20	63	—	1492-RCDA4A63	—	
	80	—	1492-RCDA4A80	_	
	25	1492-RCDA2B25	1492-RCDA4B25	_	
100	40	1492-RCDA2B40	1492-RCDA4B40	1492-RCDA4B40S	
	63	—	1492-RCDA4B63	1492-RCDA4B63S	
	25	1492-RCDA2C25	1492-RCDA4C25	_	
300	40	1492-RCDA2C40 1492-RCDA4C40		1492-RCDA4C40S	
300	63	—	1492-RCDA4C63	1492-RCDA4C63S	
	80	—	1492-RCDA4C80	_	
	25	—	1492-RCDA4D25	—	
500	40	—	1492-RCDA4D40	_	
000	63	—	1492-RCDA4D63	—	
	80	_	1492-RCDA4D80	_	
Diagram					

Specifications

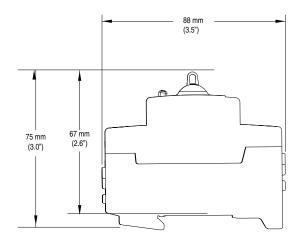
$ \begin{array}{ c c c c } \hline \begin{tabular}{ c c c } \hline & $2,4$ \\ \hline Rated current/_{I}$ & $2,5,40,63,80 A$ \\ \hline \begin{tabular}{ c c c c } \hline & $2,90e$ & $30,100,300 mA$ \\ \hline \hline \begin{tabular}{ c c c c } \hline & $2,90e$ & $30,100,300 mA$ \\ \hline \hline \begin{tabular}{ c c c c } \hline & $2,90e$ & $30,100,300 mA$ \\ \hline \hline \begin{tabular}{ c c c c } \hline & $30,100,300,500 mA$ \\ \hline \hline \begin{tabular}{ c c c c } \hline & $30,100,300,500 mA$ \\ \hline \hline \begin{tabular}{ c c c } \hline & $30,100,300,500 mA$ \\ \hline \hline \begin{tabular}{ c c c c } \hline & $30,100,300,500 mA$ \\ \hline \hline \begin{tabular}{ c c } \hline & $30,100,300,500 mA$ \\ \hline \hline \begin{tabular}{ c c } \hline \hline \begin{tabular}{ c c } \hline & $30,100,300,500 mA$ \\ \hline \hline \ \begin{tabular}{ c c } \hline \hline \begin{tabular}{ c c } \hline & $30,100,300,500 mA$ \\ \hline \hline \begin{tabular}{ c c } \hline \hline \ \begin{tabular}{ c c } \hline \ \begin{tabular}{ c c } \hline \ \begin{tabular}{ c c } \hline \hline \ \begin{tabular}{ c c } \hline \ \begin{tabular}{ c c } \hline \hline \ \begin{tabular}{ c c } \hline \ \begin{tabular}{ c c } \hline \hline \ \ \begin{tabular}{ c c } \hline \hline \ \begin{tabular}{ c c } \hline \hline \ \begin{tabular}{ c c } \hline \hline \ \begin{tabular}{ c c c } \hline \hline \ \ \begin{tabular}{ c c } \hline \hline \ \ \begin{tabular}{ c c$	General Data				
2-pole30, 100, 300 mAImage: Second	Poles		2,4		
Kated sensitivity Idn 4-pole 30, 100, 300, 500 mA Electrical Ratings Rated short-circuit strength 10 kA with 63 A gG/gL back-up fuse, 10 kA with 80 A gG/gL back-up fuse for 80 A device Rated operational voltage Ue per IEC/EN 230/400V AC Rated voltage Ue per UL 480Y/277V AC Max. operating voltage of circuit test 254V AC Min. operating voltage of circuit test 110V Rated requency 50/60 Hz Rated reguency 10 kA (SCPD - fuse gG 100 A) Rated reguency 25 kV Dielectric test voltage at ind. freq. for 1 min. 2.5 kV Protection degree Housing IP2X	Rated current $I_{\sf n}$		25, 40, 63, 80 A		
4-pole30, 100, 300, 500 mAElectrical RatingsRated short-circuit strength10 kA with 63 A gG/gL back-up fuse, 10 kA with 80 A gG/gL back-up fuse for 80 A deviceRated operational voltage Ue per IEC/EN230/400V ACRated voltage Ue per UL480Y/277V ACMax. operating voltage of circuit test254V ACMin. operating voltage of circuit test110VRated frequency50/60 HzRated conditional short-circuit10 kA (SCPD - fuse gG 100 A)Rated residual breaking capacity1 kARated residual breaking capacity1 kARated inpulse withstand voltage Uimp (12/50µs)4 kVDielectric test voltage at ind, freq, for 1 min.2.5 kVIndicator windowRed ON/green OFFProtection degreeHousing TerminalsProtection degree-25+55 °CStorage temperature (with daily average +35 °C)-25+75 °CStorage temperature solid, stranded, flexible (front/back terminal slot)2563 ATerminal typeDual terminalCross-section of wire- solid, stranded, flexible 	Pated consitivity IAn	2-pole	30, 100, 300 mA		
Rated short-circuit strength 10 kA with 63 A gG/gL back-up fuse, 10 kA with 80 A gG/gL back-up fuse for 80 A device Rated operational voltage Ue per IEC/EN 230/400V AC Rated voltage Ue per UL 480Y/277V AC Max. operating voltage of circuit test 254V AC Min. operating voltage of circuit test 110V Rated reduce 50/60 Hz Rated reguency 50/60 Hz Rated regulation of the state of the	naleu sensitivity izii	4-pole	30, 100, 300, 500 mA		
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IEC/EN IEC/EN IEC/EN IEC/EN Rated voltage U _e per UL 480Y/277V AC Max. operating voltage of circuit test 254V AC Min. operating voltage of circuit test 110V Rated frequency 50/60 Hz Rated residual breaking capacity 1 kA Rated residual breaking capacity 1 kA Rated residual breaking capacity 4 kV Dielectric test voltage at ind. freq. for 1 min. 2.5 kV Electrical endurance 10,000 operations Protection degree Housing Indicator window Rechanical Indicator window Red ON/green OFF Protection degree Housing IP4X Terminals IP2X Cross-section of wire - solid, stranded, flexible (front/back terminal slot) 2563 A 25/25 mm² Cross-section of bus bars c(front/back terminal slot) 2563 A 10/10 mm² Resonanced flexible (front/back terminal slot) 80 A 16/16 mm² A 2563 A 28.Nm 28.Nm Stars section of bus bars cores-section of bus bars 2563 A 2	Rated short-circuit str	ength	·		
Max. operating voltage of circuit test254V ACMin. operating voltage of circuit test110VRated frequency50/60 HzRated conditional short-circuit10 kA (SCPD - fuse gG 100 A)Rated residual breaking capacity1 kARated impulse withstand voltage U_{imp} (1.2/50µs)4 kVDielectric test voltage at ind. freq. for 1 min.2.5 kVElectrical endurance10,000 operationsMechanicalIndicator windowRed ON/green OFFProtection degreeHousing TerminalsProtection degreeEnvironmentalAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature-40+70 °CMechanical endurance20,000 operationsCross-section of wire - solid, stranded, flexible (front/back terminal slot)2563 ACross-section of bus bars (front/back terminal slot)2563 ATightening torque2563 A261010 mm²Tightening torque2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augusta Augusta2563 A251010Augus		e U _e per	230/400V AC		
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Rated conditional short-circuit10 kA (SCPD - fuse gG 100 A)Rated residual breaking capacity1 kARated impulse withstand voltage U_{imp} (1.2/50µs)4 kVDielectric test voltage at ind. freq. for 1 min.2.5 kVElectrical endurance10,000 operationsMechanicalIndicator windowRed ON/green OFFProtection degreeHousing TerminalsProtection degreeHousing TerminalsAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature voltanical endurance-40+70 °CMechanical endurance20,000 operationsCross-section of wire- solid, stranded, flexible (front/back terminal slot)2563 ACross-section of bus bars (front/back terminal slot)2563 ATightening torque2563 A10/10 mm²Age A380 A16/16 mm²Age A38 N·mAge A38 N·m	Min. operating voltage of	circuit test	110V		
Rated conditional short-circuit10 kA (SCPD - fuse gG 100 A)Rated residual breaking capacity1 kARated impulse withstand voltage U_{imp} (1.2/50µs)4 kVDielectric test voltage at ind. freq. for 1 min.2.5 kVElectrical endurance10,000 operationsMechanicalIndicator windowRed ON/green OFFProtection degreeHousing TerminalsProtection degreeHousing TerminalsAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature voltanical endurance-40+70 °CMechanical endurance20,000 operationsCross-section of wire- solid, stranded, flexible (front/back terminal slot)2563 ACross-section of bus bars (front/back terminal slot)2563 ATightening torque2563 A10/10 mm²Age A380 A16/16 mm²Age A38 N·mAge A38 N·m	Rated frequency		50/60 Hz		
Rated impulse withstand voltage U_{imp} (1.2/50µs)4 kVDielectric test voltage at ind. freq. for 1 min.2.5 kVElectrical endurance10,000 operationsMechanicalIndicator windowRed ON/green OFFProtection degreeHousing TerminalsIP4XEnvironmentalAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature (with daily average +35 °C)InstallationInstallation2563 A2563 A2563 A2563 A10/10 mm²(ross-section of bus bars (front/back terminal slot)Cross-section of bus bars (front/back terminal slot)2563 ATightening torque2563 A10/10 mm²A2563 A25 in·lbA28 N·mA28 N·m		-circuit	10 kA (SCPD – fuse gG 100 A)		
Rated impulse withstand voltage Uimp (1.2/50µs)4 kVDielectric test voltage at ind, freq, for 1 min.2.5 kVElectrical endurance10,000 operationsIndicator windowRed ON/green OFFProtection degreeHousing TerminalsProtection degreeHousing TerminalsAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature (mothack terminal slot)10+70 °CMechanical endurance20,000 operationsCross-section of wire- solid, stranded, flexible (front/back terminal slot)2563 ARo A182 AWGCross-section of bus bars (front/back terminal slot)2563 ATightening torque2563 AA10/10 mm²A28 N·mA28 N·mA28 N·mA4.8 N·m	Rated residual breaking	capacity	1 kA		
Dielectric test voltage at ind. freq. for 1 min.2.5 kVElectrical endurance10,000 operationsMechanicalIndicator windowRed ON/green OFFProtection degreeHousing TerminalsAmbient temperature (with daily average $+35$ °C) $-25+55$ °CStorage temperature $-40+70$ °CMechanical endurance20,000 operationsInstallationColspan="2">InstallationColspan="2">Colspan="2" </td <td>Rated impulse withstand</td> <td>voltage</td> <td>4 kV</td>	Rated impulse withstand	voltage	4 kV		
Notes primeNotes primeMechanicalIndicator windowRed ON/green OFFProtection degreeHousingIP4XProtection degreeHousingIP2XEnvironmentalIP2XAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature-40+70 °CMechanical endurance20,000 operationsInstallationInstallationTerminal typeDual terminalCross-section of wire - solid, stranded, flexible (front/back terminal slot)2563 ARespective from flow bars (front/back terminal slot)2563 ATightening torque2563 A10/10 mm²Tightening torque2563 A2.8 N·mRobin A4.8 N·m	Dielectric test voltage at in		2.5 kV		
$\begin{tabular}{ c c c c } \hline Housing & Red ON/green OFF \\ \hline Protection degree & Housing & IP4X \\ \hline Terminals & IP2X \\ \hline \hline Terminals & IP2X \\ \hline \hline \\ \hline $	Electrical endurance		10,000 operations		
Protection degreeHousing TerminalsIP4XImage: Terminal constraintsIP2XImage: Terminal constraintsIP2XImage: Terminal constraintsIP2XAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature-40+70 °CImage: Terminal constraintsImage: TerminalImage: Terminal typeDual terminalImage: Terminal typeBO AImage: Terminal typeTerminalImage: Terminal typeTerminal <tr< td=""><td colspan="5"></td></tr<>					
Protection degreeImage: Second state stat	Indicator window	1	Red ON/green OFF		
IerminalsIP2XEnvironmentalAmbient temperature (with daily average +35 °C)-25+55 °CStorage temperature-40+70 °CMechanical endurance20,000 operationsInstallationTerminal typeDual terminalCross-section of wire - solid, stranded, flexible (front/back terminal slot)2563 A2563 A184 AWG80 A182 AWGCross-section of bus bars (front/back terminal slot)2563 A10/10 mm²80 ATightening torque2563 A80 A25 in·lbA4.8 N·m		Housing	IP4X		
Ambient temperature (with daily average $+35 ^{\circ}$ C) $-25+55 ^{\circ}$ CStorage temperature $-40+70 ^{\circ}$ CMechanical endurance20,000 operationsInstallationTerminal typeCross-section of wire - solid, stranded, flexible (front/back terminal slot)Cross-section of bus bars (front/back terminal slot)2563 A2563 A10/10 mm²Cross-section of bus bars (front/back terminal slot)2563 A2563 A10/10 mm²Tightening torque2563 AA25 in·lbA4.8 N·m	Protection degree	Terminals	IP2X		
25+55 °C(with daily average $+35$ °C)Storage temperature40+70 °CMechanical endurance20,000 operationsInstallationTerminal typeDual terminalCross-section of wire - solid, stranded, flexible (front/back terminal slot)2563 A2563 A25/25 mm²Cross-section of bus bars (front/back terminal slot)2563 ACross-section of bus bars (front/back terminal slot)2563 A2563 A10/10 mm²Tightening torque2563 A80 A2.8 N·mA2.8 N·mA4.8 N·m	Environmental				
Mechanical endurance 20,000 operations Installation Terminal type Cross-section of wire - solid, stranded, flexible (front/back terminal slot) 2563 A 25/25 mm² 80 A 35/35 mm² Cross-section of bus bars (front/back terminal slot) 2563 A 2663 A 10/10 mm² 2763 A 10/10 mm² 80 A 16/16 mm² 2563 A 2563 A 2563 A 10/10 mm² 80 A 16/16 mm² 2563 A 25 in·lb A 25 in·lb 80 A 4.8 N·m			-25+55 ℃		
Installation Installation Terminal type Dual terminal Cross-section of wire - solid, stranded, flexible (front/back terminal slot) 2563 A 25/25 mm² 80 A 35/35 mm² 35/35 mm² (front/back terminal slot) 80 A 182 AWG Cross-section of bus bars (front/back terminal slot) 2563 A 10/10 mm² 80 A 16/16 mm² 2563 A Tightening torque 2563 A 25 in·lb 80 A 4.8 N·m 4.8 N·m			-40+70 °C		
Terminal typeDual terminalCross-section of wire- solid, stranded, flexible (front/back terminal slot)2563 A25/25 mm²80 A35/35 mm²Cross-section of bus bars (front/back terminal slot)2563 A10/10 mm²Cross-section of bus bars (front/back terminal slot)2563 A10/10 mm²2563 A10/10 mm²2563 A2.8 N·mTightening torque2563 A2.5 in·1b80 A4.8 N·m4.8 N·m	Mechanical endurat	nce	20,000 operations		
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(front/back terminal slot) 80 A 35/35 mm² 80 A 182 AWG Cross-section of bus bars (front/back terminal slot) 2563 A 10/10 mm² 80 A 16/16 mm² 2563 A 2563 A 2563 A 2563 A 2563 A 25 in·lb 80 A 4.8 N·m		2563 A	184 AWG		
OV A 182 AWG Cross-section of bus bars (front/back terminal slot) 2563 A 10/10 mm ² 80 A 16/16 mm ² 2563 A 2563 A 2563 A 25 in·lb Tightening torque 80 A 80 A 4.8 N·m			35/35 mm ²		
(front/back terminal slot) 80 A 16/16 mm² Tightening torque 2563 A 2.8 N·m 80 A 4.8 N·m		80 A	182 AWG		
Tightening torque 2563 A 2.8 N·m 80 A 4.8 N·m		2563 A	10/10 mm ²		
Tightening torque		80 A	16/16 mm ²		
Tightening torque 25 in-lb 80 A 4.8 N-m		25 - 52 -	2.8 N·m		
80 A 4.8 N·m	Tinka i i	2563 A	25 in·lb		
80 A 43 in-lb	lightening torque		4.8 N·m		
		80 A	43 in·lb		
Mounting DIN Rail EN 60715 (35 mm) with fast clip device	Mounting		DIN Rail EN 60715 (35 mm) with fast clip device		
Supply Optional	Supply		Optional		

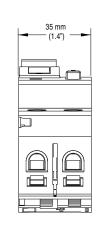
Approximate Dimensions and Weight					
Dimensions (H x D x W)	2-pole	88 x 67 x 35 mm			
	4-pole	88 x 67 x 70 mm			
Weight	2-pole	200 g (7.1 oz.)			
	4-pole	350 g (12.3 oz.)			
Combination with Auxiliary Elements					
Auxiliary contact		Yes			
Signal contact		Yes			

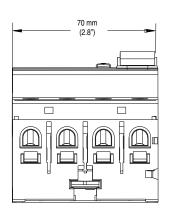
Power Loss Due to Current

	Power Loss [W]			
Rated Current [A]	2-pole	4-pole		
25	1	1.3		
40	2.4	3.2		
63	3.2	4.4		
80	8.8	33.3		

Approximate Dimensions Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.







2-, 4-Pole

2-Pole

4-Pole

Accessories

Right Mount

Photo	Product Description ‡★∆	Contacts	Standards	Certifications	UL/CSA Max. Current/Voltage	IEC Ratings Current/Voltage	Cat. No.
	Auxiliary/Signal Contact	1 N.O./N.C. (1 C.O.) 98 96 95	UL 1077 CSA 22.2 No. 235 EN 60947-5-1 GB 14048.5	UL Recognized CSA Certified CE Marked VDE Certified CCC Certified	1 A @ 480V AC 2 A @ 277V AC 1.5 A @ 125V DC 2 A @ 60V DC 4 A @ 24V DC	2 A @ 230V (AC-14) 1 A @ 400V (AC-14) 1.5 A @ 110V (DC-12) 1 A @ 220V (DC-12) 4 A @ 24V (DC-13) 2 A @ 60V (DC-13)	189-ASCR3
		1 N.O./N.C. (1 C.O.) - 4 J - 2 - 1 1- 2- 3-	UL 1077 CSA 22.2 No. 235 EN 60947-5-1 GB 14048.5	UL Recognized CSA Certified CE Marked VDE Certified CCC Certified	1 A @ 480V AC 2 A @ 277V AC 1.5 A @ 125V DC 2 A @ 60V DC 4 A @ 24V DC	2 A @ 230V (AC-14) 1 A @ 400V (AC-14) 1.5 A @ 110V (DC-12) 1 A @ 220V (DC-12) 4 A @ 24V (DC-13) 2 A @ 60V (DC-13)	189-AR3
	Auxiliary Contact	1N.0. + 1N.C. -114-1-3 -21-1-4 1-2-	UL 1077 CSA 22.2 No. 235 EN 60947-5-1 GB 14048.5	UL Recognized CSA Certified CE Marked VDE Certified CCC Certified	1 A @ 400V AC 2 A @ 230V AC 1 A @ 50V DC 2 A @ 30V DC	2 A @ 230V (AC-14) 1 A @ 400V (AC-14) 2 A @ 30V (DC-12) 1 A @ 50V (DC-12) 2 A @ 30V (DC-13) 1 A @ 50V (DC-13)	189-AR11
		2 N.C. - 1 L L-1 -22 1- 2 -	UL 1077 CSA 22.2 No. 235 EN 60947-5-1 GB 14048.5	UL Recognized CSA Certified CE Marked VDE Certified CCC Certified	1 A @ 400V AC 2 A @ 230V AC 1 A @ 50V DC 2 A @ 30V DC	2 A @ 230V (AC-14) 1 A @ 400V (AC-14) 2 A @ 30V (DC-12) 1 A @ 50V (DC-12) 2 A @ 30V (DC-13) 1 A @ 50V (DC-13)	189-AR02
· · · · · · · · · · · · · · · · · · ·		2 N.O. -3 1 1-3 -4 -4 1- 2 -	UL 1077 CSA 22.2 No. 235 EN 60947-5-1 GB 14048.5	UL Recognized CSA Certified CE Marked VDE Certified CCC Certified	1 A @ 400V AC 2 A @ 230V AC 1 A @ 50V DC 2 A @ 30V DC	2 A @ 230V (AC-14) 1 A @ 400V (AC-14) 2 A @ 30V (DC-12) 1 A @ 50V (DC-12) 2 A @ 30V (DC-13) 1 A @ 50V (DC-13)	189-AR20

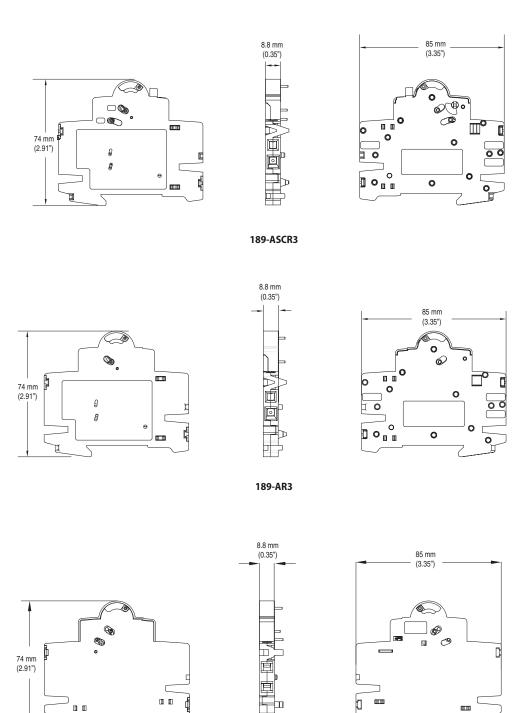
‡ A maximum of one C.O. type signal contact, and one C.O. type auxiliary contact **OR** two C.O. type auxiliary contacts may be installed per 1492-RCD.

* A maximum of one 189-AR11, -AR02, or -AR20 auxiliary contact may be installed per 1492-RCD. They may not be combined with C.O. type contacts.

A A maximum of three accessories of any type may be installed per 1492-RCD. The signal contact must be mounted closest to the RCD, then the auxiliary contact(s). For allowed combinations, and installation instructions please contact your local Rockwell Automation sales office or Allen-Bradley distributor.

Accessory Approximate Dimensions

Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.



189-AR11, 189-AR02, 189-AR20

b

Bus Bars

1492-RCD Cuttable Bus Bars

Description	Pins	Pkg. Qty.	Cat. No. ★
2-Phase MCB to RCD	4	10	189-CL204
4–Phase MCB to RCD	8	10	189-CL408

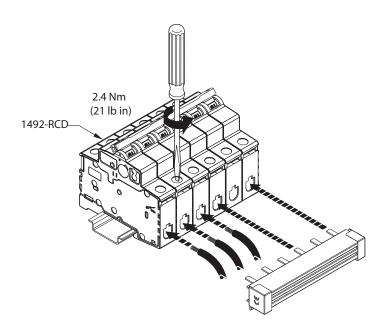
 \star These devices are CE Marked, but not certified to any UL, CSA, or other standard.

1492-RCD Bus Bar Accessories

Description	Pkg. Qty.	Cat. No. ★
Terminal Power Feed, 625 mm ²	10	189-CLT25
Terminal Power Feed, 650 mm ²	10	189-CLT50
Dedicated Power Feed, 50 mm ²	10	189-CLT50D
For 2-phase bus bar‡	10	189-CL3EC
For 4-phase bus bar	10	189-CL4EC
Protective Shroud for unused pins	10	189-CLPS

 \star These devices are CE Marked, but not certified to any UL, CSA, or other standard.

‡ 189-CL3EC also used for 2- and 3-phase MCB bus bars.



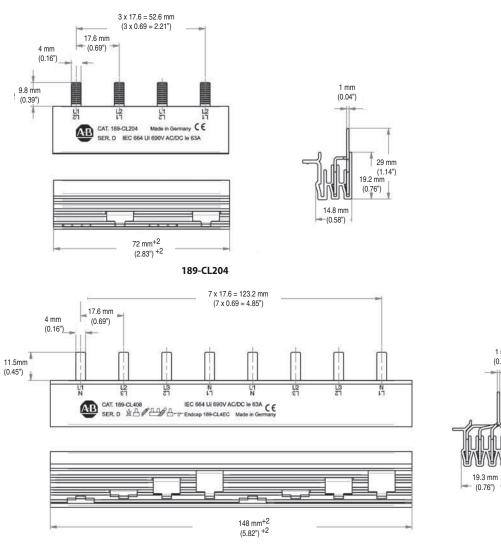
1 mm (0.04")

> 30.5 mm 19 mm (1.20") (0.75")

Bus Bar Approximate Dimensions

Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.

2- and 4-Phase Bus Bars



189-CL408

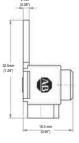
Bus Bar Accessory Approximate Dimensions

Note: Dimensions are shown in millimeters. Dimensions are not intended for manufacturing purposes.

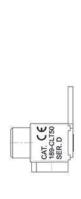


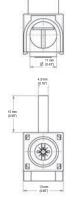


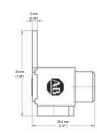
15 mm (0.59"



189-CLT25





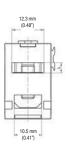


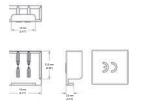
189-CLT50

189-CL3EC



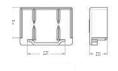


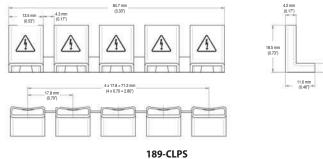












189-CL4EC

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