

DR50 Standard Duty - 50 A

UL/CSA Ratings	
• Max Amperage & Voltage	50 A, 600 VAC
• Current Interruption Capability	For current interrupting up to 250 VAC
👉 For Switch-Rated devices, see DS & DSN sections.	
• Short Circuit Rating	100 kA Testing was performed with RK1 current limiting fuses sized at at least 100% of the device's ampacity rating.
• Environmental Ratings	Type 3R (Standard) Type 4X (Optional)
• Temperature Range	Min -40°F/Max 140°F See pg 254 for temperatures outside of this range.
• Wiring Capacity	Based on THHN wire sizes. Min 14 AWG Max 4 AWG Aux Contacts - Max 14 AWG
• Certifications	UL 1682, CSA C22.2 NO. 182.1, NOM

Receptacle (female)



Inlet (male)



❗ Don't forget to add installation accessories to your order

North American UL/CSA Configurations

VOLTAGE	POLARITY	PART # POLY	PART # POLY
120 V	1P+N+G	31-34235-K16	31-38235-K16
120 208 V	3P+N+G	31-34237-K16	31-38237-K16
125 V	1P+N+G	31-34175-K07	31-38175-K07
125 250 V	2P+N+G	31-34176-K07	31-38176-K07
208 V	2P+G	31-34232-K16	31-38232-K16
208 V	3P+G	31-34233-K16	31-38233-K16
250 V	2P+G	31-34172-K07	31-38172-K07
250 V	3P+G	31-34173-K07	31-38173-K07
277 V	1P+N+G	31-34245-K04	31-38245-K04
277 480 V	3P+N+G	31-34247-K04	31-38247-K04
347 600 V	3P+N+G	31-34187-K14	31-38187-K14
480 V	2P+G	31-34242-K04	31-38242-K04
480 V	3P+G	31-34243-K04	31-38243-K04
600 V	2P+G	31-34182-K14	31-38182-K14
600 V	3P+G	31-34183-K14	31-38183-K14

For international configurations and ratings (IEC,CE) visit meltric.com/international-catalog or contact Customer Service at 800-433-7642.

Main Options	RECEPTACLE OPTIONS	SUFFIX #	INLET OPTIONS	SUFFIX #
Auxiliary/Pilot Contacts	With 2 Auxiliary/Pilot Contacts	Recept # -972	With 2 Auxiliary/Pilot Contacts	Inlet # -972
	With 3 Auxiliary/Pilot Contacts	Recept # -973	With 3 Auxiliary/Pilot Contacts	Inlet # -973
	With 4 Auxiliary/Pilot Contacts	Recept # -974	With 4 Auxiliary/Pilot Contacts	Inlet # -974
Mushroom Pawl	Type 4X & Self-Returning Lid	Recept # -4X	Type 4X Watertightness	Inlet # -4X
	Mushroom Pawl	Recept # -375	Without Lockout Hole	Inlet # -A155
	Padlock Pawl	Recept # -843	For Microswitch	Inlet # -270 ^{3,4}
Padlock Pawl	Screw-Type Locking Pawl	Recept # -845	Notes:	
	Metal Pawl (on poly receptacle)	Recept # -824	³ Not UL/CSA listed.	
	Self-Returning Lid (Manual Close)	Recept # -NC	⁴ Not available on 3P+N+G configurations.	
Self-Returning Lid	With Microswitch	Recept # -270 ^{3,4}		
	Recommended for cord applications to keep lid tucked in to avoid damage.			

❗ See pages 231-240 for detailed information on these options

Order Example: 480 V DR50 + 2 auxiliary contacts

DR50 Poly inlet 3P+G = 31-38243-K04-972

INSTALLATION ACCESSORIES – SIZE 3



Handle Option
Guide
pgs 237-238

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
	1/2"	513P0N05
	3/4"	513P0N07
	1"	513P0N10
	1 1/4"	513P0N12
For available cord grips, see pg 159.		
POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.520-.680"	713P0CP5
	.680-.980"	713P0DP4
	.980-1.260"	713P0EP4
METAL HANDLE WITH CORD GRIP		
	.635-.750"	793P0CS4
	.770-.850"	793P0DS1
	.875-1.000"	793P0DS3
	1.000-1.125"	793P0ES2
POLY HANDLE		
	.390-1.180"	513P0D30
POLY HANDLE WITH BUILT IN DRAWPLATES		
	.390-1.180"	513P0D30473
Makes connector closures easier.		
POLY HANDLE WITH CLAMP & BUSHING		
	.750-.875"	713P0S14
	.875-1.000"	713P0S16
	1.000-1.125"	713P0S18
	1.125-1.250"	713P0S20
	1.250-1.375"	713P0S22

ANGLES

POLY ANGLE			
	30°	513M3	 70°
			Panel mounting only.
METAL ANGLE			
	0°	593M0	
	30°	593M3	
	FS/FD 30°	793M3FS	Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.
	70°	593M7	

BOXES

POLY CONDUIT ENTRY WITH NPT			PART #
	30°	3/4"	513B3N07
	30°	1"	513B3N10
* 13.5 in ³			
POLY WALL BOX WITH ANGLE			
	70°		513C7000
			70° poly boxes are not drilled.
* 179.41 in ³			
GROUND BAR		Ground Bar	51-AA089
POLY ANGLE WITH METAL BOX WITH NPT			
	70°	1/2"	713C7N05
	70°	3/4"	713C7N07
	70°	1"	713C7N10
	70°	1 1/4"	713C7N12
	70°	1 1/2"	713C7N15
METAL BOX WITH NPT			
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12
POLY ANGLE WITH METAL BOX WITH NPT			
	30°	1/2"	713C3N05
	30°	3/4"	713C3N07
	30°	1"	713C3N10
	30°	1 1/4"	713C3N12
* 29.6 in ³			

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		
	61-6A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure.
PROTECTIVE INLET/PLUG CAP		
	31-3A426	For Inlets/Plugs Only.
PADLOCKABLE INLET/PLUG CAP		
	DS3PC	Poly – For Inlets/Plugs Only.
SPRING-LOADED PADLOCKABLE INLET/PLUG CAP		
	31-3A226	For Inlets/Plugs Only. In order to achieve max water ingress protection of Type 3R/IP55, spring loaded caps should be ordered with inlets equipped with -A155 suffix.
EASY RETROFIT ADAPTER PLATES		
	see pg 240	Mount to existing boxes.
RECEPTACLE LOCKING PIN		
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.