

DR30 Standard Duty - 30 A

- UL/CSA Ratings
- **Max Amperage & Voltage** 30 A, 600 VAC
 - **Current Interruption Capability**
Not for current interrupting For Switch-Rated devices, see DSN & DS sections.
 - **Short Circuit Rating**
100 kA
Testing was performed with RK1 current limiting Mersen fuses sized 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 8 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	31-14235-K16	31-18235-K16
120 208 V	3P+N+G	31-14237-K16	31-18237-K16
125 V	1P+N+G	31-14175-K07	31-18175-K07
125 250 V	2P+N+G	31-14176-K07	31-18176-K07
208 V	2P+G	31-14232-K16	31-18232-K16
208 V	3P+G	31-14233-K16	31-18233-K16
250 V	2P+G	31-14172-K07	31-18172-K07
250 V	3P+G	31-14173-K07	31-18173-K07
277 V	1P+N+G	31-14245-K04	31-18245-K04
277 480 V	3P+N+G	31-14247-K04	31-18247-K04
347 600 V	3P+N+G	31-14187-K14	31-18187-K14
480 V	2P+G	31-14242-K04	31-18242-K04
480 V	3P+G	31-14243-K04	31-18243-K04
600 V	2P+G	31-14182-K14	31-18182-K14
600 V	3P+G	31-14183-K14	31-18183-K14

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

- Main Options
- 

Auxiliary/Pilot Contacts
- 

Mushroom Pawl
- 

Padlock Pawl
- 

Self-Returning Lid

See pages 231-240 for detailed information on these options

RECEPTACLE OPTIONS	SUFFIX #	INLET OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	Recept # -972	With 2 Auxiliary/Pilot Contacts	Inlet # -972
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}
Screw-Type Locking Pawl	Recept # -845	Notes: ³ Not UL/CSA listed. ⁴ Not available on 3P+N+G configurations.	
Metal Pawl (on poly receptacle)	Recept # -824		
Self-Returning Lid (Manual Close)	Recept # -NC		
With Microswitch	Recept # -270 ^{3,4}		

Order Example: 480 V DR30 + 2 auxiliary contacts
DR30 Poly inlet 3P+G = 31-18243-K04-972

DR30

INSTALLATION ACCESSORIES – SIZE 2

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

Handle Option Guide
pgs 237-238

HANDLES

HANDLE WITH NPT	PART # POLY WITH DRAWPLATES	PART # POLY	PART # METAL
	512P0N05	512P0N05E2615	592P0N05
	512P0N07	512P0N07E2615	592P0N07
	512P0N10	512P0N10E2615	592P0N10
	512P0N12	512P0N12E2615	-

For available cord grips, see pg 159.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART # WITH DRAWPLATES	PART #
	.350-.520"	712P0BP6	712P0BP6E2615
	.520-.680"	712P0CP5	712P0CP5E2615
	.680-.980"	712P0DP4	712P0DP4E2615
	.980-1.260"	712P0EP4	712P0EP4E2615

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.438-.500"	792P0BS3
	.500-.562"	792P0BS4
	.562-.625"	792P0CS2
	.625-.750"	792P0CS4
	.770-.875"	792P0DS1
	.870-1.000"	792P0DS3

POLY HANDLE	CABLE RANGE	PART #
	.200-.820"	512P0D21

POLY HANDLE WITH CLAMP & BUSHING	CABLE RANGE	PART #
	.750-.875"	712P0S14
	.875-1.000"	712P0S16
	1.000-1.125"	712P0S18
	1.125-1.250"	712P0S20
	1.250-1.375"	712P0S22

ANGLES

POLY ANGLE	ANGLE	PART #	NOTES
	30°	512M3	
	70°	512M7	Panel mounting only.
METAL ANGLE	ANGLE	PART #	NOTES
	0°	592M0	
	30°	592M3	
	FS/FD 30°	792M3FS	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.

BOXES

POLY CONDUIT ENTRY WITH NPT	ANGLE	SIZE	PART #	NOTES
	30°	1/2"	512B3N05	For poly devices only.
	30°	3/4"	512B3N07	* Interior volume with receptacle installed.
	70°		512C7000	70° poly boxes are not drilled.
				* Interior volume with receptacle installed.
		Ground Bar	51AA089	
POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	NOTES
	70°	1/2"	712C7N05	
	70°	3/4"	712C7N07	
	70°	1"	712C7N10	* Interior volume with receptacle installed.
	70°	1 1/4"	712C7N12	
	70°	1 1/2"	712C7N15	
METAL BOX WITH NPT	ANGLE	SIZE	PART #	NOTES
	0°	1/2"	7T1F0N05	
	0°	3/4"	7T1F0N07	
	0°	1"	7T1F0N10	
	0°	1 1/4"	7T1F0N12	
POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	NOTES
	30°	1/2"	712C3N05	For metal angle, replace "71" prefix with "79".
	30°	3/4"	712C3N07	
	30°	1"	712C3N10	* Interior volume with receptacle installed
	30°	1 1/4"	712C3N12	

NPT on top or bottom (if rotated). For other configurations, contact Customer Service.

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	NOTES
	61-3A346	Set of Two (2) Recommended for all assembly applications, for facilitated mating.
PROTECTIVE INLET/PLUG CAP	PART #	NOTES
	31-1A426	For Inlets/Plugs Only.
PADLOCKABLE INLET/PLUG CAP	PART #	NOTES
	DS1PC	For Inlets/Plugs Only.
SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	PART #	NOTES
	31-1A226	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	PART #	NOTES
	see pg 240	Mount to existing boxes.
RECEPTACLE LOCKING PIN	PART #	NOTES
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.