

DR30 Standard Duty Plugs & Receptacles – 30 A

UL/CSA Ratings

- **Max Amperage & Voltage**
30 A, 600 VAC
- **Current Interruption Capability**
Not for current interrupting
For Switch-Rated devices, see DS & DSN sections.
- **Short Circuit Rating**
100kA
Testing was performed with RK1 current limiting fuses sized at least 100% of the devices ampacity rating.
- **Environmental Ratings**
Type 3R (Standard)
Type 4X (Optional)
- **Temperature Range**
Min -40°F/Max 140°F
See pg 258 for temps below -15°F.
- **Wiring Capacity**
Min 14 AWG Max 8 AWG
Aux Contacts - Max 14 AWG
Based on THHN wire sizes
- **Certifications**
UL 1682, CSA 182.1

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
120V	1P+N+G	31-14235-K16	31-18235-K16
120 208V	3P+N+G	31-14237-K16	31-18237-K16
125V	1P+N+G	31-14175-K07	31-18175-K07
125 250V	2P+N+G	31-14176-K07	31-18176-K07
208V	2P+G	31-14232-K16	31-18232-K16
208V	3P+G	31-14233-K16	31-18233-K16
250V	2P+G	31-14172-K07	31-18172-K07
250V	3P+G	31-14173-K07	31-18173-K07
277V	1P+N+G	31-14245-K04	31-18245-K04
277 480V	3P+N+G	31-14247-K04	31-18247-K04
347 600V	3P+N+G	31-14187-K14	31-18187-K14
480V	2P+G	31-14242-K04	31-18242-K04
480V	3P+G	31-14243-K04	31-18243-K04
600V	2P+G	31-14182-K14	31-18182-K14
600V	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



Closed Lid Configuration

Recommended for cord applications to keep lid tucked in to avoid damage.

Receptacle Options

Suffix

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts

Recept # - 972

With 2 Auxiliary/Pilot Contacts

Inlet # - 972

Type 4X & Closed Lid Configuration

Recept # - 4X

Type 4X Watertightness

Inlet # - 4X

Mushroom Pawl

Recept # - 375

With No Lockout Hole

Inlet # - A155

Padlock Pawl

Recept # - 843

For Auxiliary Switch

Inlet # - NNF*

Padlockable Mushroom Pawl

Recept # - 375-843

Screw-Type Locking Pawl

Recept # - 845

Notes: * Order inlet with P+N+G configuration and receptacle with P+G configuration.

Metal Pawl (on poly receptacle)

Recept # - 824

Closed Lid Configuration

Recept # - NC

With Auxiliary Switch

Recept # - 270+

Notes: + Not UL/CSA listed.

! See pages 235-244 for detailed information on these options





Order Example: 480V DR30 + 2 auxiliary contacts

DR30 Poly inlet 3P+G = 31-18243-K04-972


INSTALLATION ACCESSORIES – SIZE 2


Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.


HANDLES


HANDLE w/NPT	Part # Poly	Part # Metal
 Poly 1/2"	512P0N05	592P0N05
 Poly 3/4"	512P0N07	592P0N07
 Metal 1"	512P0N10	592P0N10
 Metal 1 1/4"	512P0N12	-

For available cord grips, see pg 167.


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.350 - .520"	712P0BP6
	.520 - .680"	712P0CP5
	.680 - .980"	712P0DP4
	.980 - 1.260"	712P0EP4

METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.438 - .500"	792P0BS3
	.500 - .562"	792P0BS4
	.562 - .625"	792P0CS2
	.625 - .750"	792P0CS4
	.750 - .875"	792P0DS1
	.875 - 1.000"	792P0DS3

POLY HANDLE	Cable Range	Part #
	.20 - .82"	512P0D21


POLY HANDLE w/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 #
	30°	512M3



	70°	512M7
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METAL ANGLE	Angle	Part #
	0°	592M0


	30°	592M3
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	FS/FD Box 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.
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BOXES


POLY CONDUIT ENTRY w/NPT	Angle	Size	Part #	Notes
	30°	1/2"	512B3N05	For poly devices only
	30°	3/4"	512B3N07	* Interior volume with receptacle installed.

POLY WALL BOX w/ANGLE	Angle	Part #	Notes
	70°	512C7000	70° poly boxes are not drilled. Contact customer service if factory drilling is required. * Interior volume with receptacle installed.

	Ground Bar	51AA089
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POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	70°	1/2"	712C7N05	* Interior volume with receptacle installed.
	70°	3/4"	712C7N07	
	70°	1"	712C7N10	
	70°	1 1/4"	712C7N12	
	70°	1 1/2"	712C7N15	

METAL BOX w/NPT	Angle	Size	Part #
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12


POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	30°	1/2"	712C3N05	For metal angle, replace "71" prefix with "79". * Interior volume with receptacle installed.
	30°	3/4"	712C3N07	
	30°	1"	712C3N10	
	30°	1 1/4"	712C3N12	

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.


MISCELLANEOUS ACCESSORIES


FINGER DRAWPLATES	Part #	Notes
	61-3A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.

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. -A155 suffix required to maintain water ingress protection.

EASY RETROFIT ADAPTER PLATES	Part #	Notes
	see pg 164	Mount to existing boxes.

RECEPTACLE LOCKING PIN	Part #	Notes
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.