



# STANDARD DUTY

## Plugs & Receptacles

MELTRIC Standard Duty plugs and receptacles provide safe, economical, and robust connections for applications up to 250 A. Each device features MELTRIC spring-loaded, silver-nickel, butt-style contacts for consistent and reliable connections. Exclusive safety features ensure operator safety.



### **DR LARGER AMPERAGE RANGE**

- 30 A to 250 A, Type 3R (Standard) or Type 4X (Optional)
- Poly or metal casings (most sizes)
- Larger conductor capacities

**P. 89**



### **PN COMPACT AND DURABLE**

- 15 A to 20 A
- Up to 600 V

**P. 105**



### **PNHT HIGH TEMPERATURE APPLICATIONS**

- Temperatures up to 465° F
- Up to 30 A, IP44

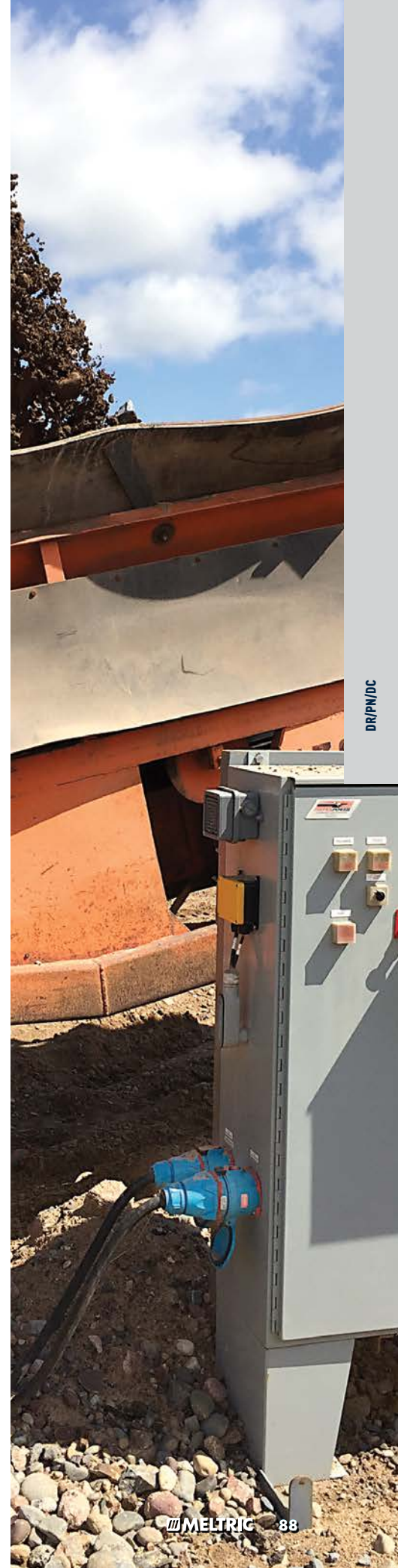
**P. 113**



### **DSDC DIRECT CURRENT**

- 30 A to 200 A, Type 3R and Type 4X
- Poly or metal casings

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DR/PN/DC

# DR

## Standard Duty



### Main Advantages

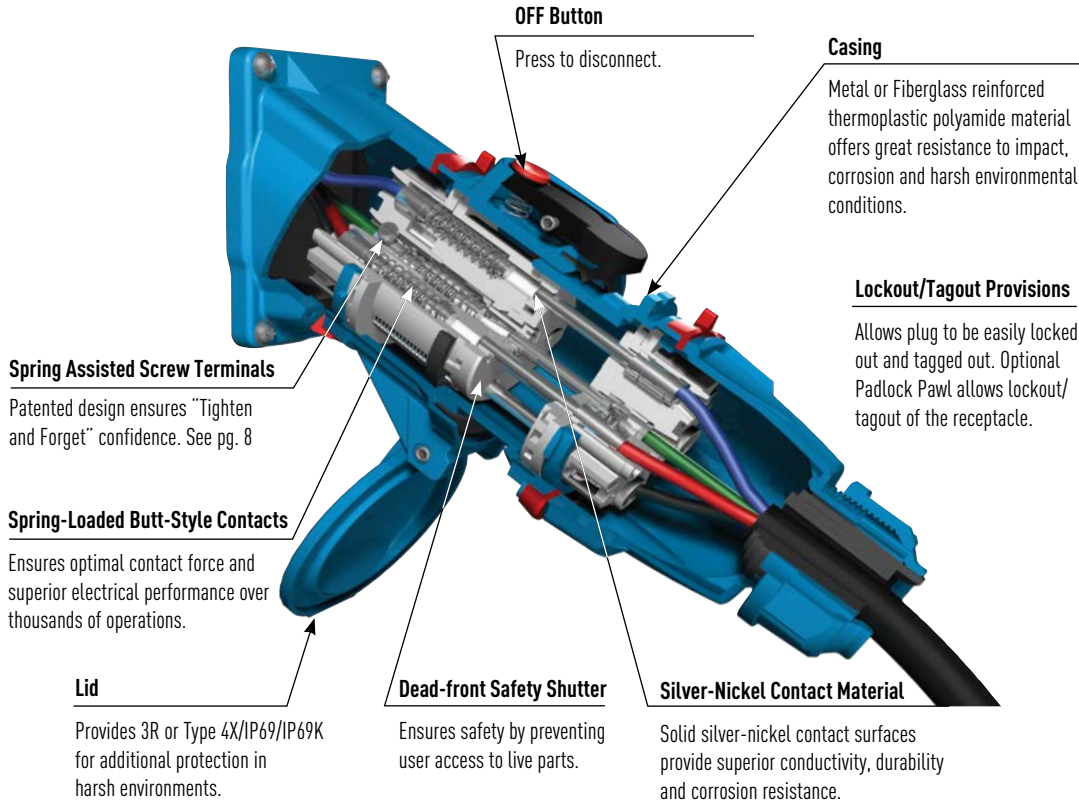
- High amperage capacity
- Up to 6 auxiliary contacts
- Robust metal or poly construction

- Features and Ratings p. 90
- DR30 p. 91
- DR50 p. 93
- DR100 p. 95
- DR150 p. 97
- DR250 p. 99
- Spare Parts p. 101
- Dimensions p. 103

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# PRODUCT FEATURES



## General Ratings

<b>Amperage</b>	30 to 400 A
<b>Voltage</b>	600 VAC Max
<b>Frequency</b>	60-400 Hz
<b>Short-Circuit (Withstand)</b>	10 kA to 100 kA*
<b>Environmental</b>	Type 3R or Type 4X/IP69/IP69K
<b>Temperature</b>	Min -40°F/Max 140°F

\* DR30, 50 and 100 are rated 100 kA; DR150, 250 and 400 are 10 kA to 65 kA. Testing was performed with RK1 current limiting fuses sized to at least 100% of the device's ampacity rating.

## Current Interruption Listings

Model	Current Interruption Capabilities
DR30	Not for current interrupting
DR50	For current interrupting up to 250 VAC***
DR100	For current interrupting up to 250 VAC***
DR150	For current interrupting up to 250 VAC***
DR250	Not for current interrupting
DR400	Not for current interrupting

\*\*\* Devices rated for current interrupting are not intended for repetitive switching duties.

## Listings

Category	UL	CSA	IEC	NOM
Plugs and Receptacles	UL 1682	C22.2 No. 182.1	60309-1	NOM-003-SCFI-2014

## Operating Instructions



When the plug and receptacle are latched together, the circuit is connected.



Pressing the pawl breaks the connection and opens the circuit. The plug is ejected to its rest position.



Rotating the plug 30° counterclockwise closes the safety shutter and frees the plug to be withdrawn from the receptacle.




The plug and the receptacle are separated. The safety shutter prevents access to live parts.

5 To reconnect, insert plug into receptacle, rotate 30° clockwise, and apply insertion force.

# 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 260 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)



**!** Remember 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](http://meltric.com/international-catalog) or contact Customer Service at 800-433-7642.

## Main Options



**Auxiliary/Pilot Contacts**



**Mushroom Pawl**



**Padlock Pawl**



**Self-Returning Lid**

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

**!** See pages 237-246 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<sup>3,4</sup>**

Screw-Type Locking Pawl

**Recept # -845**

**Notes:**

Metal Pawl (on poly receptacle)

**Recept # -824**

<sup>3</sup> Not UL/CSA listed.

Self-Returning Lid (Manual Close)

**Recept # -NC**

<sup>4</sup> Not available on 3P+N+G configurations.

With Microswitch

**Recept # -270<sup>3,4</sup>**

**Order Example: 480 V DR30 + 2 auxiliary contacts**






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





# 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.

## HANDLES


HANDLE WITH NPT	PART # POLY WITH DRAWPLATES	PART # POLY	PART # METAL
 Poly with drawplates 1/2"	<b>512P0N05</b>	512P0N05E2615	592P0N05
 Poly with drawplates 3/4"	<b>512P0N07</b>	512P0N07E2615	592P0N07
 Poly with drawplates 1"	<b>512P0N10</b>	512P0N10E2615	592P0N10
 Poly with drawplates 1 1/4"	<b>512P0N12</b>	512P0N12E2615	-
 Metal			

For available cord grips, see pg 231.



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




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

POLY HANDLE	CABLE RANGE	PART #
	.200-.820"	<b>512P0D21</b>


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

## ANGLES


POLY ANGLE	ANGLE	PART #	Notes
	30°	<b>512M3</b>	
	70°	<b>512M7</b>	Panel mounting only.

METAL ANGLE	ANGLE	PART #	Notes
	0°	<b>592M0</b>	
	30°	<b>592M3</b>	
	FS/FD 30°	<b>792M3FS</b>	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"	<b>512B3N05</b>	For poly devices only. * Interior volume with receptacle installed.
	30°	3/4"	<b>512B3N07</b>	

\* 7.0 in<sup>3</sup>

POLY WALL BOX WITH ANGLE	ANGLE	PART #	Notes
	70°	<b>512C7000</b>	70° poly boxes are not drilled. * Interior volume with receptacle installed.


\* 82.0 in<sup>3</sup>

Ground Bar	PART #
	<b>51AA089</b>

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	Notes
	70°	1/2"	<b>712C7N05</b>	* Interior volume with receptacle installed.
	70°	3/4"	<b>712C7N07</b>	
	70°	1"	<b>712C7N10</b>	
	70°	1 1/4"	<b>712C7N12</b>	
	70°	1 1/2"	<b>712C7N15</b>	

\* 74.6 in<sup>3</sup>


METAL BOX WITH NPT	ANGLE	SIZE	PART #
	0°	1/2"	<b>7T1F0N05</b>
	0°	3/4"	<b>7T1F0N07</b>
	0°	1"	<b>7T1F0N10</b>
	0°	1 1/4"	<b>7T1F0N12</b>

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

\* 28.7 in<sup>3</sup>

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


## MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	Notes
	<b>61-3A346</b>	Set of Two (2) Recommended for all assembly applications, for facilitated mating.

PROTECTIVE INLET/PLUG CAP	PART #	Notes
	<b>31-1A426</b>	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	PART #	Notes
	<b>DS1PC</b>	For Inlets/Plugs Only.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	PART #	Notes
	<b>31-1A226</b>	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	Notes
	see pg 246 Mount to existing boxes.

RECEPTACLE LOCKING PIN	PART #	Notes
	<b>LP-843</b>	Requires Padlockable Pawl option (-843) on receptacle.

DR/PN/DC

# 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 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 260 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)



**!** Remember 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](http://meltric.com/international-catalog) or contact Customer Service at 800-433-7642.

## Main Options



**Auxiliary/Pilot Contacts**



**Mushroom Pawl**



**Padlock Pawl**



**Self-Returning Lid**  
 Recommended for cord applications to keep lid tucked in to avoid damage.

## RECEPTACLE OPTIONS

## SUFFIX #

## INLET OPTIONS

## SUFFIX #

With 2 Auxiliary/Pilot Contacts	<b>Recept # -972</b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # -972</b>
With 3 Auxiliary/Pilot Contacts	<b>Recept # -973</b>	With 3 Auxiliary/Pilot Contacts	<b>Inlet # -973</b>
With 4 Auxiliary/Pilot Contacts	<b>Recept # -974</b>	With 4 Auxiliary/Pilot Contacts	<b>Inlet # -974</b>
Type 4X & Self-Returning Lid	<b>Recept # -4X</b>	Type 4X Watertightness	<b>Inlet # -4X</b>
Mushroom Pawl	<b>Recept # -375</b>	Without Lockout Hole	<b>Inlet # -A155</b>
Padlock Pawl	<b>Recept # -843</b>	For Microswitch	<b>Inlet # -270<sup>3,4</sup></b>
Screw-Type Locking Pawl	<b>Recept # -845</b>	<b>Notes:</b>	
Metal Pawl (on poly receptacle)	<b>Recept # -824</b>	<sup>3</sup> Not UL/CSA listed.	
Self-Returning Lid (Manual Close)	<b>Recept # -NC</b>	<sup>4</sup> Not available on 3P+N+G configurations.	
With Microswitch	<b>Recept # -270<sup>3,4</sup></b>		

**!** See pages 237-246 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

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	593P0N05
	3/4"	513P0N07	593P0N07	
	1"	513P0N10	593P0N10	
	1 1/4"	513P0N12	593P0N12	

For available cord grips, see pg 231.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.520-.680"	713P0CP5
	.680-.980"	713P0DP4
	.980-1.260"	713P0EP4

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.635-.750"	793P0CS4
	.770-.850"	793P0DS1
	.875-1.000"	793P0DS3
	1.000-1.125"	793P0ES2

POLY HANDLE	CABLE RANGE	PART #
	.390-1.180"	513P0D30

POLY HANDLE WITH BUILT IN DRAWPLATES	CABLE RANGE	PART #
	.390-1.180"	513P0D30473

Makes connector closures easier.

POLY HANDLE WITH CLAMP & BUSHING	CABLE RANGE	PART #
	.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		PART #	Notes
		30°	513M3	513M7
	70°			

METAL ANGLE		PART #	Notes
	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 #	Notes
		30°	3/4"	513B3N07
	30°	1"	513B3N10	

POLY WALL BOX WITH ANGLE		PART #	Notes
	70°	513C7000	70° poly boxes are not drilled. * Interior volume with receptacle installed.
	Ground Bar	51AA089	

POLY ANGLE WITH METAL BOX WITH NPT		PART #	Notes
	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		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		PART #	Notes
	30°	1/2"	713C3N05
	30°	3/4"	713C3N07
	30°	1"	713C3N10
	30°	1 1/4"	713C3N12

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

FINGER DRAWPLATES		PART #	Notes
		61-6A346	Set of Two (2) Recommended for all assembly applications, for facilitated mating.

PROTECTIVE INLET/PLUG CAP		PART #	Notes
		31-3A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP		PART #	Notes
		DS3PC	Poly - For Inlets/Plugs Only.


SPRING-LOADED PADLOCKABLE INLET/PLUG CAP		PART #	Notes
		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		PART #	Notes
		see pg 246	Mount to existing boxes.

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

# DR100 Standard Duty - 100 A

## UL/CSA Ratings

- **Max Amperage & Voltage**  
100 A, 600 VAC
- **Current Interruption Capability**  
For current interrupting up to 250 VAC  
 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 4X/IP66/IP67/IP69/IP69K
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**  
Based on THHN wire sizes.  
Min 10 AWG Max 2 AWG  
Aux Contacts: Max 14 AWG
- **Certifications**  
UL 1682, CSA C22.2 NO. 182.1, NOM

## Receptacle (female)



## Inlet (male)



**!** Remember to add installation accessories to your order

## North American UL/CSA Configurations

NOTE: Poly devices should not be inter-mated with metal devices

VOLTAGE	POLARITY	PART #		PART #	
		POLY	METAL	POLY	METAL
120 V	1P+N+G	31-64235-K16	39-64235-K16	31-68235-K16	39-68235-K16
120 208 V	3P+N+G	31-64237-K16	39-64237-K16	31-68237-K16	39-68237-K16
125 V	1P+N+G	31-64175-K07	39-64175-K07	31-68175-K07	39-68175-K07
125 250 V	2P+N+G	31-64176-K07	39-64176-K07	31-68176-K07	39-68176-K07
208 V	2P+G	31-64232-K16	39-64232-K16	31-68232-K16	39-68232-K16
208 V	3P+G	31-64233-K16	39-64233-K16	31-68233-K16	39-68233-K16
250 V	2P+G	31-64172-K07	39-64172-K07	31-68172-K07	39-68172-K07
250 V	3P+G	31-64173-K07	39-64173-K07	31-68173-K07	39-68173-K07
277 V	1P+N+G	31-64245-K04	39-64245-K04	31-68245-K04	39-68245-K04
277 480 V	3P+N+G	31-64247-K04	39-64247-K04	31-68247-K04	39-68247-K04
347 600 V	3P+N+G	31-64187-K14	39-64187-K14	31-68187-K14	39-68187-K14
480 V	2P+G	31-64242-K04	39-64242-K04	31-68242-K04	39-68242-K04
480 V	3P+G	31-64243-K04	39-64243-K04	31-68243-K04	39-68243-K04
600 V	2P+G	31-64182-K14	39-64182-K14	31-68182-K14	39-68182-K14
600 V	3P+G	31-64183-K14	39-64183-K14	31-68183-K14	39-68183-K14

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

## Main Options



**Auxiliary/Pilot Contacts**



**Mushroom Pawl**



**Padlock Pawl**



**Self-Returning Lid**

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

5/16" hole

## RECEPTACLE OPTIONS

## SUFFIX #

## INLET OPTIONS

## SUFFIX #

With 2 Auxiliary/Pilot Contacts	<b>Recept # -972</b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # -972</b>
With 3 Auxiliary/Pilot Contacts	<b>Recept # -263</b>	With 3 Auxiliary/Pilot Contacts	<b>Inlet # -263</b>
With 4 Auxiliary/Pilot Contacts	<b>Recept # -264</b>	With 4 Auxiliary/Pilot Contacts	<b>Inlet # -264</b>
Mushroom Pawl	<b>Recept # -375</b>	Without Lockout Hole	<b>Inlet # -A155</b>
Padlock Pawl	<b>Recept # -843</b>	For Microswitch	<b>Inlet # -270<sup>3,4</sup></b>
Screw-Type Locking Pawl	<b>Recept # -845</b>		
Metal Pawl (on poly receptacle)	<b>Recept # -824</b>		
Self-Returning Lid (Manual Close)	<b>Recept # -NC</b>		
With Microswitch	<b>Recept # -270<sup>3,4</sup></b>		

**Note:**

<sup>3</sup> Not UL/CSA listed.

<sup>4</sup> Not available on 3P+N+G configurations.

**!** See pages 237-246 for detailed information on these options

**Order Example: 480 V DR100 + 2 auxiliary contacts**



DR100 Poly inlet 3P+G = 31-68243-K04-972




# INSTALLATION ACCESSORIES – SIZE 4


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"	514P0N05	594P0N05
	3/4"	514P0N07	594P0N07
	1"	514P0N10	594P0N10
	1 1/4"	514P0N12	594P0N12
	1 1/2"	514P0N15	594P0N15

For available cord grips, see pg 231.

POLY HANDLE WITH CORD GRIP		CABLE RANGE	PART #
		.680-.980"	714P0DP4
		.980-1.260"	714P0EP4
		1.260-1.560"	714P0FP1


METAL HANDLE WITH CORD GRIP		CABLE RANGE	PART #
		.750-.875"	794P0DS1
		.875-1.000"	794P0DS3
		1.000-1.125"	794P0ES2
		1.125-1.250"	794P0FS0
		1.250-1.375"	794P0FS1
		1.375-1.438"	794P0FS4
		1.438-1.562"	794P0FS2*
	1.562-1.688"	794P0FS3*	

\*May require stripping of cable jacket.

POLY HANDLE		CABLE RANGE	PART #
		.511-1.377"	514P0D35






POLY HANDLE WITH BUILT IN DRAWPLATES		CABLE RANGE	PART #
		.511-1.377"	514P0D35473

Makes connector closures easier.

SANTOPRENE HANDLE		CABLE RANGE	PART #
		.551-.787"	554P0D20L
		.708-.984"	554P0D25L
		.984-1.377"	554P0D35L
		1.377-1.771"	554P0D45L
		1.771-1.929"	554P0D49L


## ANGLES

POLY ANGLE		ANGLE	PART #
	30°	514M3	
	70°	514M7	Panel mounting only.

METAL ANGLE		ANGLE	PART #
	0°		594M0
	30°		594M3
	30°		794M3L
	30° Oversized		794M3
	70°		594M7

Mounts on oversize box only. Order with 7T5F0Nxxx. See pg 98.


## BOXES

POLY CONDUIT ENTRY WITH NPT		ANGLE	CABLE RANGE	PART #
		30°	1/2"	514B3N05
		30°	3/4"	514B3N07
		30°	1"	514B3N10
		30°	1 1/4"	514B3N12

\* 27.7 in<sup>3</sup>

For poly devices only.


\* Interior volume with receptacle installed.

POLY WALL BOX WITH ANGLE		ANGLE	PART #
		70°	514C7000

\* 181.24 in<sup>3</sup>

70° poly boxes are not drilled.


\* Interior volume with receptacle installed.

POLY ANGLE WITH METAL BOX WITH NPT		ANGLE	CABLE RANGE	PART #
		70°	1/2"	714C7N05
		70°	3/4"	714C7N07
		70°	1"	714C7N10
		70°	1 1/4"	714C7N12
		70°	1 1/2"	714C7N15

\* 177.7 in<sup>3</sup>

\* Interior volume with receptacle installed.

METAL BOX WITH NPT		ANGLE	CABLE RANGE	PART #
		0°	1"	7T4F0N10
		0°	1 1/4"	7T4F0N12
		0°	1 1/2"	7T4F0N15
		0°	2"	7T4F0N20

POLY ANGLE WITH METAL BOX WITH NPT		ANGLE	CABLE RANGE	PART #
		30°	1"	714C3N10
		30°	1 1/4"	714C3N12
		30°	1 1/2"	714C3N15
		30°	2"	714C3N20


\* 61.0 in<sup>3</sup> Poly Angle  
\* 59.4 in<sup>3</sup> Metal Angle

For metal angle, replace "71" prefix with "79".

\* Interior volume with receptacle installed.

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



## MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		PART #
		31-6A346

Set of Two (2)  
Recommended for all assembly applications, for facilitated mating.


PROTECTIVE INLET/PLUG CAP		PART #
		31-6A426

For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP		PART #
		DS6PC
		DS6MC

Poly – For Inlets/Plugs Only.


Aluminum – For Inlets/Plugs Only.  
-A155 suffix required on inlet part # to retain water ingress protection.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP		PART #
		31-6A226
		39-6A226

For Poly Inlets/Plugs Only.

For Metal 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.

RECEPTACLE LOCKING PIN		PART #
		LP-843

Requires Padlockable Pawl option (-843) on receptacle.

# DR150 Standard Duty - 150 A

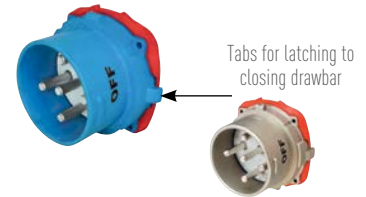
## UL/CSA Ratings

- **Max Amperage & Voltage**  
150 A, 600 VAC
- **Current Interruption Capability**  
For current interrupting up to 250 VAC  
 For Switch-Rated devices, see DSN & DS sections.
- **Short Circuit Rating**  
65 kA  
Testing was performed with RK1 current limiting Mersen fuses sized at least 100% of the device's ampacity rating.
- **Environmental Ratings**  
Type 4X/IP66/IP67/IP69/IP69K
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**  
Based on THHN wire sizes  
Min 4 AWG Max 2/0 AWG  
Aux Contacts: Max 14 AWG
- **Certifications**  
UL 1682, CSA C22.2 NO. 182.1, NOM

## Receptacle (female)



## Inlet (male)



**!** Remember to add installation accessories to your order

## North American UL/CSA Configurations

NOTE: Poly devices should not be inter-mated with metal devices

VOLTAGE	POLARITY	PART #		PART #	
		POLY	METAL	POLY	METAL
120 V	1P+N+G	31-94235-K16	39-94235-K16	31-98235-K16	39-98235-K16
120 208 V	3P+N+G	31-94237-K16	39-94237-K16	31-98237-K16	39-98237-K16
125 V	1P+N+G	31-94175-K07	39-94175-K07	31-98175-K07	39-98175-K07
125 250 V	2P+N+G	31-94176-K07	39-94176-K07	31-98176-K07	39-98176-K07
208 V	2P+G	31-94232-K16	39-94232-K16	31-98232-K16	39-98232-K16
208 V	3P+G	31-94233-K16	39-94233-K16	31-98233-K16	39-98233-K16
250 V	2P+G	31-94172-K07	39-94172-K07	31-98172-K07	39-98172-K07
250 V	3P+G	31-94173-K07	39-94173-K07	31-98173-K07	39-98173-K07
277 V	1P+N+G	31-94245-K04	39-94245-K04	31-98245-K04	39-98245-K04
277 480 V	3P+N+G	31-94247-K04	39-94247-K04	31-98247-K04	39-98247-K04
347 600 V	3P+N+G	31-94187-K14	39-94187-K14	31-98187-K14	39-98187-K14
480 V	2P+G	31-94242-K04	39-94242-K04	31-98242-K04	39-98242-K04
480 V	3P+G	31-94243-K04	39-94243-K04	31-98243-K04	39-98243-K04
600 V	2P+G	31-94182-K14	39-94182-K14	31-98182-K14	39-98182-K14
600 V	3P+G	31-94183-K14	39-94183-K14	31-98183-K14	39-98183-K14

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

## Main Options



## RECEPTACLE OPTIONS

RECEPTACLE OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	Recept # -262
With 4 Auxiliary/Pilot Contacts	Recept # -264
With 6 Auxiliary/Pilot Contacts	Recept # -976
Mushroom Pawl	Recept # -375
Padlock Pawl	Recept # -843
Screw-Type Locking Pawl	Recept # -845
Metal Pawl (on poly receptacle)	Recept # -824
Self-Returning Lid (Manual Close)	Recept # -NC
With Microswitch	Recept # -270 <sup>3,4</sup>

## INLET OPTIONS

INLET OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	Inlet # -262
With 4 Auxiliary/Pilot Contacts	Inlet # -264
With 6 Auxiliary/Pilot Contacts	Inlet # -976
Without Lockout Hole	Inlet # -A155
For Microswitch	Inlet # -270 <sup>3,4</sup>

### Notes:

<sup>3</sup> Not UL/CSA listed.

<sup>4</sup> Not available on 3P+N+G configurations.

**!** See pages 237-246 for detailed information on these options

**Order Example: 480 V DR150 + 2 auxiliary contacts**

DR150 Poly inlet 3P+G = 31-98243-K04-972



# INSTALLATION ACCESSORIES – SIZE 5

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
	3/4"	515P0N07	595P0N07
	1"	515P0N10	595P0N10
	1 1/4"	515P0N12	595P0N12
	1 1/2"	515P0N15	595P0N15
	2"	515P0N20	595P0N20

For available cord grips, see pg 231.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.980-1.260"	715P0EP4
	1.260-1.560"	715P0FP1
	1.520-1.860"	715P0GP2

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	1.250-1.375"	795P0FS1
	1.438-1.562"	795P0FS2*
	1.562-1.688"	795P0FS3*
	1.688-1.812"	795P0GS1
	*May require stripping of cable jacket.	

OVERSIZED METAL HANDLE WITH NPT		
	3/4"	795P0N07
	1"	795P0N10
	1 1/4"	795P0N12
	1 1/2"	795P0N15
	2"	795P0N20
	2 1/2"	795P0N25

For available cord grips, see pg 231.

SANTOPRENE HANDLE		
	.708-.984"	555P0D25
	.984-1.377"	555P0D35
	1.377-1.771"	555P0D45
	1.771-1.929"	555P0D49

## ANGLES

POLY ANGLE		
	30°	515M3

METAL ANGLE		
	0°	595M0
	30°	595M3
	30° Oversized	795M3
	70°	595M7

Mounts on oversize metal box only. Order with 7T6F0N25XL. See pg 100.

## BOXES

POLY ANGLE WITH METAL BOX WITH NPT			PART #	
	30°	1 1/4"	715C3N12	
	30°	1 1/2"	715C3N15	
	30°	2"	715C3N20	
	* 108.7 in <sup>3</sup>	30°	2 1/2"	715C3N25

\* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT			PART #	
	30°	1 1/4"	795C3N12	
	30°	1 1/2"	795C3N15	
	30°	2"	795C3N20	
	* 111.8 in <sup>3</sup>	30°	2 1/2"	795C3N25

\* Interior volume with receptacle installed.

METAL BOX WITH NPT			
	0°	1 1/4"	7T5F0N12
	0°	1 1/2"	7T5F0N15
	0°	2"	7T5F0N20
	0°	2 1/2"	7T5F0N25

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

## MISCELLANEOUS ACCESSORIES

PROTECTIVE INLET/PLUG CAP	
	31-9A426

For Inlets/Plugs Only. Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability.

PADLOCKABLE INLET/PLUG CAP	
	DS9MC

Aluminum – For Inlets/Plugs Only. -A155 suffix required on inlet part # to retain water ingress protection.

CORD GRIP WITH OPTIONS	
	see pg 231

EASY RETROFIT ADAPTER PLATES	
	see pg 246


Mount to existing boxes.

RECEPTACLE LOCKING PIN	
	LP-843

Requires Padlockable Pawl option (-843) on receptacle.

# DR250 Standard Duty - 250 A

## UL/CSA Ratings

- **Max Amperage & Voltage**  
250 A, 600 VAC
- **Current Interruption Capability**  
Not for current interrupting  
 For Switch-Rated devices, see DSN & DS sections.
- **Short Circuit Rating**  
10 kA  
Testing was performed with RK1 current limiting Mersen fuses sized at least 100% of the device's ampacity rating.
- **Environmental Ratings**  
Type 4X/IP66/IP67/IP69/IP69K
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**  
Based on THHN wire sizes  
Min 4 AWG Max 4/0 AWG  
Aux Contacts: Max 14 AWG
- **Certifications**  
UL 1682, CSA C22.2 NO. 182.1, NOM

## Receptacle (female)



## Inlet (male)



**!** Remember to add installation accessories to your order

## North American UL/CSA Configurations

VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	39-24235-K16	39-28235-K16
120 208 V	3P+N+G	39-24237-K16	39-28237-K16
125 V	1P+N+G	39-24035-K07	39-28035-K07
125 250 V	2P+N+G	39-24036-K07	39-28036-K07
208 V	2P+G	39-24232-K16	39-28232-K16
208 V	3P+G	39-24233-K16	39-28233-K16
250 V	2P+G	39-24032-K07	39-28032-K07
250 V	3P+G	39-24033-K07	39-28033-K07
277 V	1P+N+G	39-24245-K04	39-28245-K04
277 480 V	3P+N+G	39-24247-K04	39-28247-K04
347 600 V	3P+N+G	39-24027-K14	39-28027-K14
480 V	2P+G	39-24242-K04	39-28242-K04
480 V	3P+G	39-24243-K04	39-28243-K04
600 V	2P+G	39-24022-K14	39-28022-K14
600 V	3P+G	39-24023-K14	39-28023-K14

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

## Main Options



**Auxiliary/Pilot Contacts**



**Mushroom Pawl**



**Padlock Pawl**



**Self-Returning Lid**

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

## RECEPTACLE OPTIONS

## SUFFIX #

## INLET OPTIONS

## SUFFIX #

With 2 Auxiliary/Pilot Contacts	<b>Recept # -972<sup>7</sup></b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # -972<sup>7</sup></b>
With 4 Auxiliary/Pilot Contacts	<b>Recept # -174<sup>6</sup></b>	With 4 Auxiliary/Pilot Contacts	<b>Inlet # -174<sup>6</sup></b>
With 6 Auxiliary/Pilot Contacts	<b>Recept # -976<sup>6</sup></b>	With 6 Auxiliary/Pilot Contacts	<b>Inlet # -976<sup>6</sup></b>
Mushroom Pawl	<b>Recept # -375</b>	For Microswitch	<b>Inlet # -270<sup>3,4</sup></b>
Padlock Pawl	<b>Recept # -843</b>	Without Lockout Hole	<b>Inlet # -A155</b>
Screw-Type Locking Pawl	<b>Recept # -845</b>	<b>Notes:</b>	
Self-Returning Lid (Manual Close)	<b>Recept # -NC</b>	<sup>3</sup> Not UL/CSA listed.	
With Microswitch	<b>Recept # -270<sup>3,4</sup></b>	<sup>4</sup> Not available on 3P+N+G configurations.	
Electro-Mechanical Locking System )	<b>Recept # MIL</b>	<sup>6</sup> This option not available with N contact.	
		<sup>7</sup> Customers needing to maintain compatibility with old style -172 auxiliary contacts should use a -172 suffix.	

**!** See pages 237-246 for detailed information on these options

**Order Example: 480 V DR250 + 2 auxiliary contacts**  
DR250 Metal inlet 3P+G = 39-28243-K04-972



# INSTALLATION ACCESSORIES – SIZE 6

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"		516P0N10
1 1/4"			516P0N12	596P0N12
	1 1/2"	Poly	516P0N15	596P0N15
	2"		516P0N20	596P0N20
	2 1/2"	Metal	516P0N25	596P0N25
	3"		-	596P0N30

For available cord grips, see pg 231.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	1.520-1.860"	716P0GP2
	1.850-2.190"	716P0GP3*

\*May require stripping of cable jacket.

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	1.688-1.812"	796P0GS1
	1.812-1.938"	796P0GS2*
	1.938-2.062"	796P0JS1
	2.062-2.188"	796P0JS2
	2.188-2.312"	796P0JS3
	2.312-2.438"	796P0JS4*
	2.437-2.625"	796P0KS1
	2.625-2.812"	796P0KS2

\*May require stripping of cable jacket.

STRAIGHT HANDLE	CABLE RANGE	PART #	NPT	PART #
	1.57-1.97"	5K6P0D50	1 1/2"	5K6P0N15L
	2.01-2.36"	5K6P0D60	2"	5K6P0N20L
	2.40-2.76"	5K6P0D70	2 1/2"	5K6P0N25L
	2.79-3.15"	5K6P0D80	3"	5K6P0N30L

OVERSIZED METAL HANDLE WITH NPT	CABLE RANGE	PART #
	1 1/2"	796P0N15
	2"	796P0N20
	2 1/2"	796P0N25
	3"	796P0N30

For available cord grips, see pg. 231.

SANTOPRENE HANDLE	CABLE RANGE	PART #
	.984-1.377"	556P0D35
	1.377-1.771"	556P0D45
	1.771-1.929"	556P0D49

ANGLES	METAL ANGLE		PART #		
		0°		596M0	
		45°		796M4	Mounts on oversize metal box only.
		60°		596M6	
60° Extended			597M6		

BOXES	METAL ANGLE WITH METAL BOX WITH NPT		PART #		
		60°	1 1/2"	796C6N15	* Interior volume with receptacle installed.
		60°	2"	796C6N20	
60°		2 1/2"	796C6N25		

\* 248.4 in<sup>3</sup>

METAL BOX WITH NPT		PART #	
	0°	1 1/2"	7T6F0N15
	0°	2"	7T6F0N20
	0°	2 1/2"	7T6F0N25

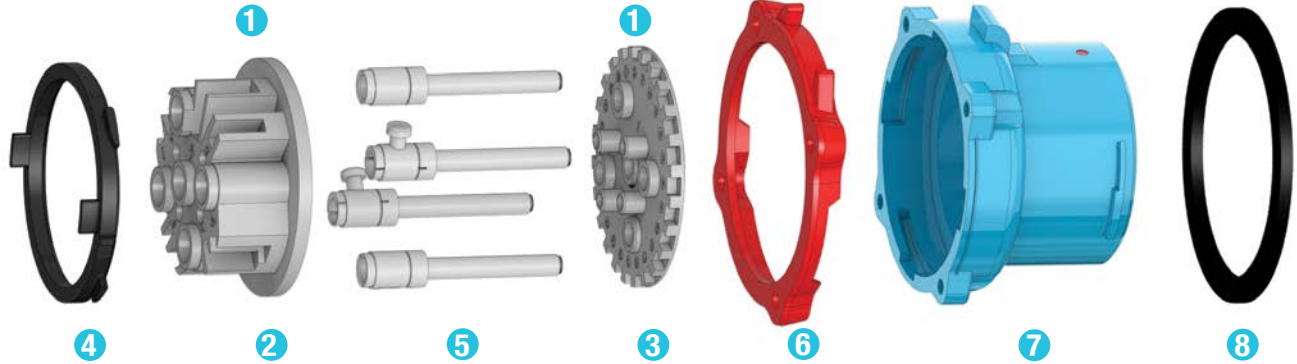
METAL OVERSIZED BOX WITH NPT		PART #	
	0°	2"	7T6F0N20XL
	0°	2 1/2"	7T6F0N25XL
	0°	3"	7T6F0N30XL






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

MISCELLANEOUS ACCESSORIES		
	PROTECTIVE INLET/PLUG CAP	
	39-2A426	Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability. For Inlets/Plugs Only.
	PADLOCKABLE INLET/PLUG CAP	
	DS2MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required on inlet part # to retain water ingress protection.
	CORD GRIP WITH OPTIONS	
	see pg 231	
	RECEPTACLE LOCKING PIN	
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.

# DR Spare Parts

## Male Configuration



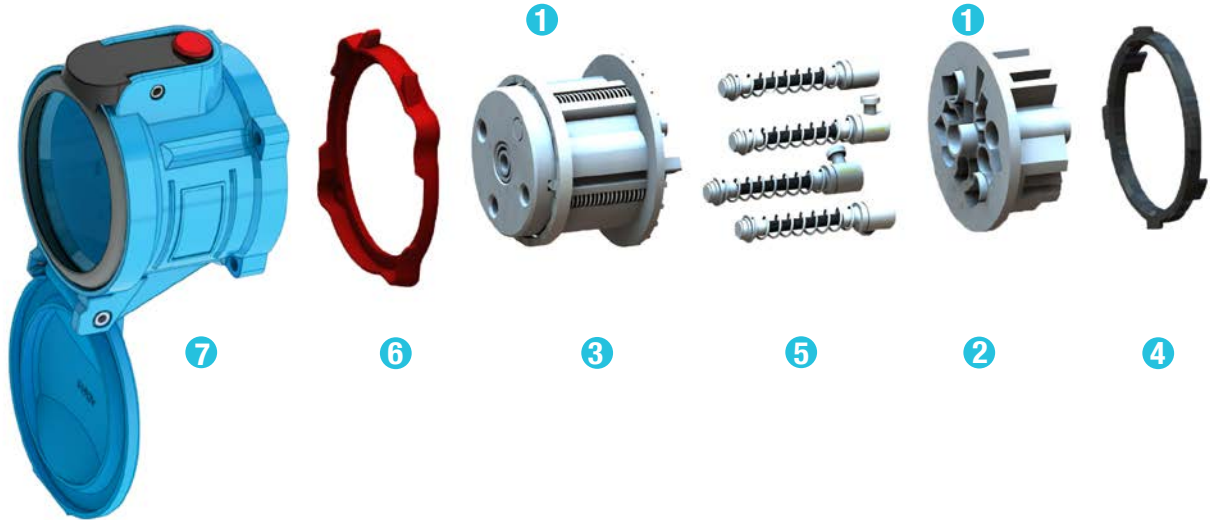
	DR30 POLY	DR50 POLY	DR100 POLY	DR100 METAL	DR150 POLY	DR150 METAL	DR250 METAL
1 Plug Insulator (Top & Bottom)	31-1A010*	31-3A010*	31-6A010*	39-6A010*	31-9A010*	39-9A010*	39-2A010*
2 Insulator Bottom	31-1A010-B	31-3A010-B	31-6A010-B	39-6A010-B	31-9A010-B	39-9A010-B	39-2A010-B
3 Insulator Top	31-1A010-T*	31-3A010-T*	31-6A010-T*	39-6A010-T	31-9A010-T*	39-9A010-T*	39-2A010-T*
4 Locking Ring	31-1A583	31-3A583	31-6A583	39-6A583	31-9A583	39-9A583	39-2A583
5 Plug Phase Contact	31-1A011	31-3A011	31-6A011	39-6A011	31-9A011	39-9A011	39-2A011
5 Plug Pilot Contact	31-1A011-972	31-3A011-972	31-6A011-972	39-6A011-972	31-9A011-972	39-9A011-972	39-2A011-972
5 Plug Ground Contact	31-1A019	31-3A019	31-6A019	39-6A019	31-9A019	39-9A019	39-2A019
6 Color-Coded Voltage Gasket	 31-1AJ26	31-3AJ26	31-6AJ26	39-6AJ26	31-9AJ26	39-9AJ26	39-2AJ26
	 31-1AC26	31-3AC26	31-6AC26	39-6AC26	31-9AC26	39-9AC26	39-2AC26
	 31-1AB26	31-3AB26	31-6AB26	39-6AB26	31-9AB26	39-9AB26	39-2AB26
	 31-1AR26	31-3AR26	31-6AR26	39-6AR26	31-9AR26	39-9AR26	39-2AR26
	 31-1AN26	31-3AN26	31-6AN26	39-6AN26	31-9AN26	39-9AN26	39-2AN26
7 Plug Casing	31-1A014*	31-3A014*	31-6A014*	39-6A014	31-9A014*	39-9A014*	39-2A014*
8 Type 4X Gasket	31-1A056	31-3A056	-	-	-	-	-

\* Please provide full part number for accurate part alignment

Part numbers in catalog are for current revisions, others may be available upon request.

For replacement parts contact Customer Service at 800-433-7642.

# Female Configuration



	DR30 POLY	DR50 POLY	DR100 POLY	DR100 METAL	DR150 POLY	DR150 METAL	DR250 METAL
1 Receptacle Insulator (Top and Bottom)	31-1A020*	31-3A020*	31-6A020*	39-6A020*	31-9A020*	39-9A020*	39-2A020*
2 Insulator Bottom	31-1A020-B	31-3A320	31-6A020-B	39-6A020-B	31-9A020-B	39-9A020-B	39-2A020-B
3 Insulator Top	31-1A020-T*	31-3A020-T*	31-6A020-T*	39-6A020-T*	31-9A020-T*	39-9A020-T*	39-2A020-T*
4 Locking Ring	31-1A583	31-3A583	31-6A583	39-6A583	31-9A583	39-9A583	39-2A583
5 Receptacle Phase Contact	31-1A021	31-3A021	31-6A021	39-6A021	31-9A021	39-9A021	39-2A021
5 Receptacle Pilot Contact	31-1A021-972	31-3A021-972	31-6A021-972	39-6A021-972	31-9A021-972	39-9A021-972	39-2A021-972
5 Receptacle Ground Contact	31-1A029	31-3A029	31-6A029	39-6A029	31-9A029	39-9A029	39-2A029
6 Color-Coded Voltage Gasket	 31-1AJ26	31-3AJ26	31-6AJ26	39-6AJ26	31-9AJ26	39-9AJ26	39-2AJ26
	 31-1AC26	31-3AC26	31-6AC26	39-6AC26	31-9AC26	39-9AC26	39-2AC26
	 31-1AB26	31-3AB26	31-6AB26	39-6AB26	31-9AB26	39-9AB26	39-2AB26
	 31-1AR26	31-3AR26	31-6AR26	39-6AR26	31-9AR26	39-9AR26	39-2AR26
	 31-1AN26	31-3AN26	31-6AN26	39-6AN26	31-9AN26	39-9AN26	39-2AN26
7 Receptacle Casing (as shown)	31-1A024*	31-3A024*	31-6A024*	39-6A024*	31-9A024*	39-9A024*	39-2A024*
Lid Replacement Kit	31-1A125	31-3A125	31-6A125	39-6A925	31-9A125	39-9A925	39-2A925
Pawl Replacement Kit Polyester	31-1A824	31-3A824	31-6A824	-	31-9A824	-	-
Pawl Replacement Kit Metal	31-1A924	31-3A924	31-6A924	39-6A824	31-9A924	39-9A824	39-2A824
Drawbar Replacement Kit	-	-	-	-	31-9A726	39-9A726	39-2A726

\* Please provide full part number for accurate part alignment

Part numbers in catalog are for current revisions, others may be available upon request.

For replacement parts contact Customer Service at 800-433-7642.

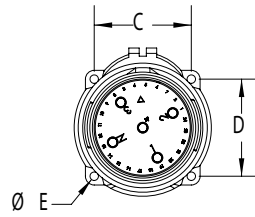
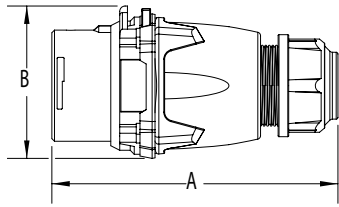
# DR DIMENSIONS – Provided in Inches

SCAN  
ME >>

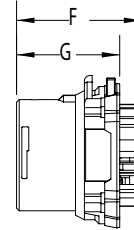


Dimensions are for reference only and may change depending on accessories used. For precise dimensions contact [MELTRIC Engineering](mailto:meltric@meltric.com).

## Plug

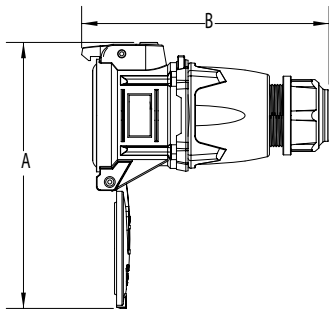


## Inlet

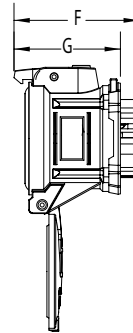
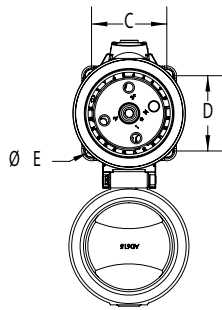


PRODUCT	A	B	C	D	øE	F	G
DR30	5.72	2.79	1.89	1.89	0.20	2.28	1.86
DR50	6.15	3.23	2.17	2.17	0.20	2.93	2.07
DR100/DR7c	6.70	3.77	2.59	2.59	0.24	3.42	2.38
DR150	8.33	4.59	3.20	3.20	0.24	4.14	3.04
DR250	10.30	5.67	3.86	3.86	0.26	4.66	3.20

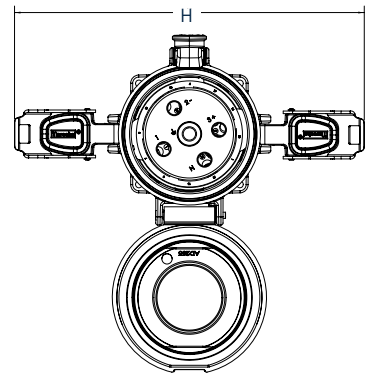
## Connector



## Receptacle



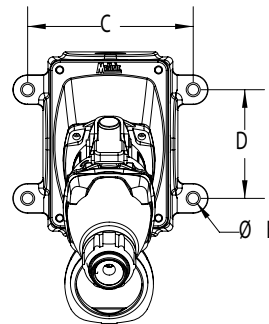
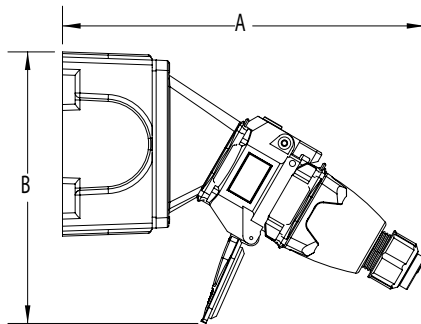
## Extended Draw bars



PRODUCT	A	B	C	D	øE	F	G	H
DR30	6.32	6.38	1.89	1.89	0.20	3.30	2.6	N/A
DR50	7.16	6.93	2.17	2.17	0.20	3.73	2.87	N/A
DR100/DR7c	8.46	7.90	2.59	2.59	0.22	4.53	3.37	N/A
DR150	11.04	10.02	3.20	3.20	0.23	5.71	4.74	11.25
DR250	12.70	10.87	3.86	3.86	0.26	6.21	4.75	12.07

## Box/30° Angle/ Receptacle/Plug

Dimensions for DR250 include 60° angle.

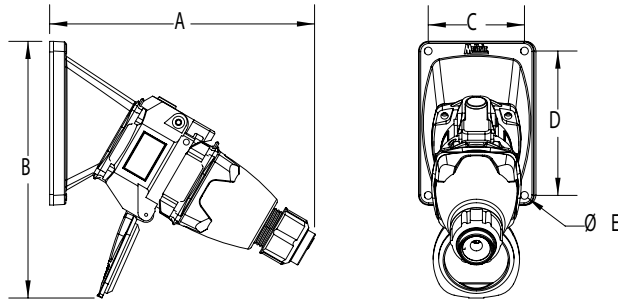


PRODUCT	A	B	C	D	øE
DR30	9.85	7.60	4.19	2.75	0.27
DR50	10.48	8.20	4.19	2.75	0.27
DR100/DR7c	11.87	10.74	5.00	3.81	0.33
DR150	16.06	10.33	6.75	4.25	0.31
DR250	15.76	12.70	8.13	6.38	0.31



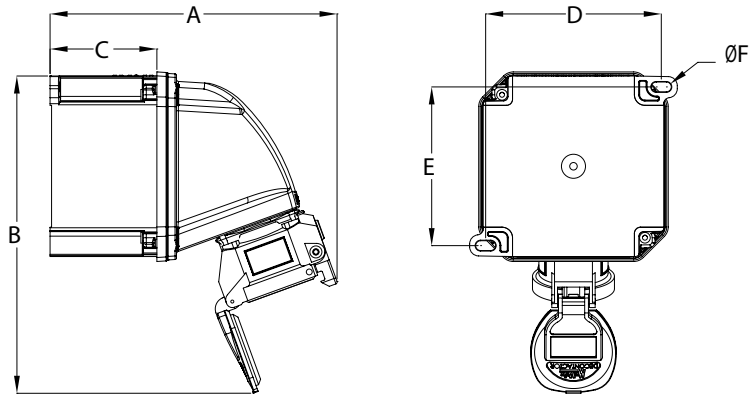
### 30° Angle/Receptacle/Plug

Dimensions for DR250 include 60° angle.



PRODUCT	A	B	C	D	øE
DR30	7.60	7.87	2.50	3.75	0.22
DR50	8.19	8.44	2.50	3.75	0.22
DR100/DR7c	9.17	10.45	3.43	4.83	0.26
DR150	14.09	12.05	4.83	4.83	0.28
DR250	11.61	16.20	6.50	6.50	0.25

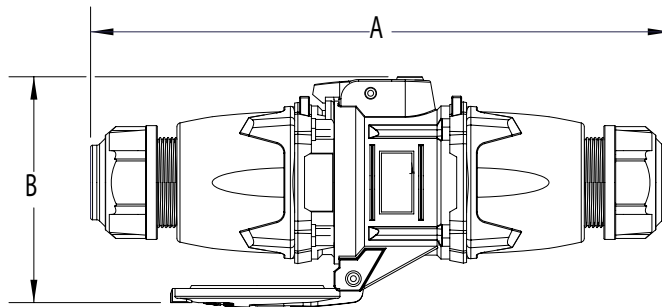
### 70° Wall Box/Receptacle



PRODUCT	A	B	C	D	E	øF
DR30	7.51	8.30	2.80	4.60	4.15	0.26
DR50	7.93	9.51	2.80	4.60	4.15	0.26
DR100/DR7c*	9.07	12.70	2.80	6.17	5.73	0.26

\* Box has 4 mounting feet

### Plug/Connector



PRODUCT	A	B
DR30	10.20	4.61
DR50	10.91	5.71
DR100/DR7c	12.17	6.57
DR150	19.53	8.03
DR250	23.15	8.00



# PN

## Standard Duty



### Main Advantages

- Compact yet durable device
- Spring-loaded, silver-nickel contacts
- Spring-assisted elliptical deforming ring at terminals are unaffected by vibrations and thermal cycling

- Features and Ratings p. 106
- PN20 p. 107
- Spare Parts p. 109
- Dimensions p. 111

SCAN  
ME >>



# PRODUCT FEATURES



## Operating Instructions



To break the circuit and remove the plug, press the pawl, apply inward force and rotate the plug clockwise.



The plug can be safely withdrawn from the receptacle. The plug contacts remain shrouded until after the circuit is broken.



To reconnect, align the red dots on the plug and receptacle bodies, insert plug into the receptacle, apply insertion force and rotate the plug 20° counterclockwise.

DR/PN/DC

## General Ratings

Amperage	20 A
Voltage	600 VAC Max
Frequency	60-400 Hz
Environmental	4X/IP66/IP67
Temperature	Min -40°F/Max 140°F (465° PNHT pg. 113)

## Current Interruption Listings

Model	Current Interruption Capabilities
PN20	For current interrupting

## Highlighted Feature

### PN Contact



PN devices feature silver-nickel, spring-loaded, butt-style contacts for superior durability and electrical performance.

## Listings

Category	UL	CSA	IEC	NOM
Plugs and Receptacles	UL 1682	C22.2 No. 182.1	60309-1	NOM-003-SCFI-2014

# PN20 Compact - 20 A

## UL/CSA Ratings

- **Max Amperage & Voltage**  
20 A, 600 VAC
- **Current Interruption Capability**  
20 A Current Interrupting (up to 480 VAC)  
15 A Current Interrupting (600 VAC)
- **Environmental Ratings**  
Type 4X/IP66/IP67
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**  
Based on THHN wire sizes.  
Min 14 AWG Max 8 AWG
- **Certifications**  
UL 1682, CSA C22.2 NO. 182.1, NOM

**Notes:** 600V devices are rated for current interrupting up to 15 A only.

## Receptacle female



## Inlet male



**!** Remember to add installation accessories to your order

## North American UL/CSA Configurations

NOTE: Poly devices should not be inter-mated with metal devices

VOLTAGE	POLARITY	PART #		PART #	
		POLY	METAL	POLY	METAL
120 V	1P+N+G	01-N4165	09-N4165	01-N8165	09-N8165
120 208 V	3P+N+G	01-N4167	09-N4167	01-N8167	09-N8167
125 V	1P+N+G	01-N4075	09-N4075	01-N8075	09-N8075
125 250 V	2P+N+G	01-N4076	09-N4076	01-N8076	09-N8076
208 V	2P+G	01-N4162	09-N4162	01-N8162	09-N8162
208 V	3P+G	01-N4163	09-N4163	01-N8163	09-N8163
250 V	2P+G	01-N4072	09-N4072	01-N8072	09-N8072
250 V	3P+G	01-N4073	09-N4073	01-N8073	09-N8073
277 V	1P+N+G	01-N4045	09-N4045	01-N8045	09-N8045
277 480 V	3P+N+G	01-N4047	09-N4047	01-N8047	09-N8047
347 600 V	3P+N+G	01-N4147	09-N4147	01-N8147	09-N8147
480 V	2P+G	01-N4042	09-N4042	01-N8042	09-N8042
480 V	3P+G	01-N4043	09-N4043	01-N8043	09-N8043
600 V	2P+G	01-N4142	09-N4142	01-N8142	09-N8142
600 V	3P+G	01-N4143	09-N4143	01-N8143	09-N8143

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

## Main Options



**Reverse Interiors**



**Flush Mount**  
(replaces female casing)



**Locking Pawl**

## RECEPTACLE OPTIONS

## SUFFIX #

## INLET OPTIONS

## SUFFIX #

Reverse Interiors

**Recept # -001**

Reverse Interiors

**Inlet # -001**

With Flush Mount (poly only)

**Recept # -142\***

Locking Pawl

**Recept # -824-300**

Self-Returning Lid (Manual Close)

**Recept # -NC**

**Notes:** \* no environmental rating

**Order Example: 480 V PN20 + reverse interiors**

**Receptacle:** PN20 Receptacle 3P+G=01-N4043-001

Example shows a receptacle casing with male contacts.





**!** See pages 237-246 for detailed information on these options




# INSTALLATION ACCESSORIES – SIZE 1


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

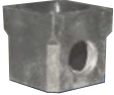
## HANDLES


HANDLE WITH NPT		PART # POLY	PART # METAL
	1/2"	511P0N05	791P0N05L
	3/4"	511P0N07	791P0N07L
	1"	511P0N10	791P0N10L

For available cord grips, see pg 231.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.350-.520"	711P0BP6
	.520-.680"	711P0CP5
	.680-.980"	711P0DP4


METAL HANDLE WITH CORD GRIP		
	.438-.500"	791P0BS3L
	.500-.562"	791P0BS4L
	.562-.625"	791P0CS1L
	.625-.750"	791P0CS4L
	.750-.875"	791P0DS1L
.875-1.000"	791P0DS3L	




POLY 90° HANDLE WITH NPT		
	1/2"	751P9N05
	3/4"	751P9N07
	1"	751P9N10

POLY HANDLE		
	.350-.700"	511P0D18


POLY ANGLED HANDLE		
	.354-.708"	511P6D18

## ANGLES

POLY ANGLE		
	MB Box 30°	511M3
	70°	511M7 Panel mounting only.


METAL ANGLE		
	0°	591M0
	FS/FD Box 30°	791M3FS
	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.	
	45°	591M4

## BOXES

POLY CONDUIT ENTRY WITH NPT			PART #
	30°	1/2"	511B3N05
	* 7.0 in <sup>3</sup> 30°	3/4"	511B3N07


POLY WALL BOX WITH NPT			
	0°	1/2"	511B0N05
	* 3.4 in <sup>3</sup> 0°	3/4"	511B0N07


METAL WALL BOX WITH NPT			
	0°	1/2"	591B0N05
	* 3.8 in <sup>3</sup> 0°	3/4"	591B0N07

POLY WALL BOX WITH ANGLE		
	70°	511C7000
* 82.0 in <sup>3</sup>	Ground Bar	51AA089

70° poly boxes are not drilled.

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"	711C3N05
	30°	3/4"	711C3N07
	30°	1"	711C3N10
	* 30.0 in <sup>3</sup> 30°	1 1/4"	711C3N12

METAL ANGLE WITH METAL BOX WITH NPT			
	45°	1/2"	791C4N05
	45°	3/4"	791C4N07
	45°	1"	791C4N10
	* 27.0 in <sup>3</sup> 45°	1 1/4"	791C4N12

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

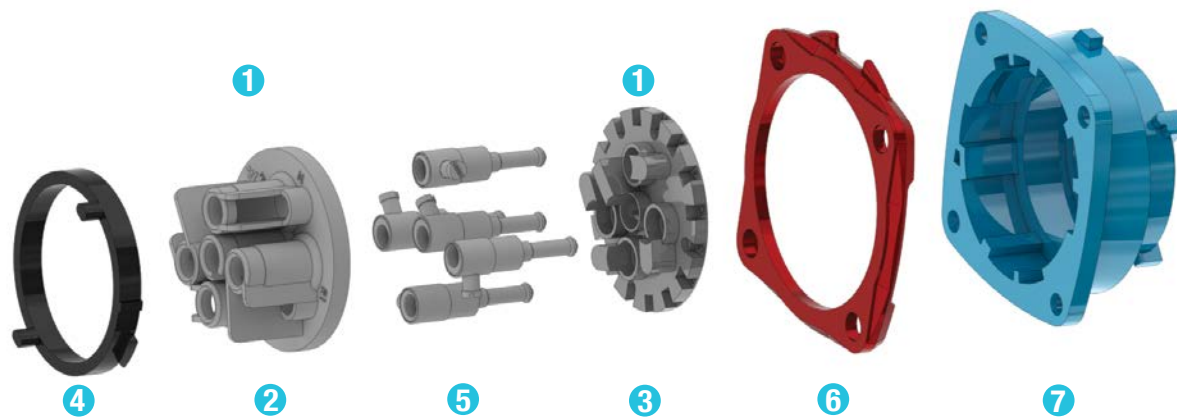
## MISCELLANEOUS ACCESSORIES






PROTECTIVE INLET/PLUG CAP	
	01-NA426 For Inlets/Plugs Only.

FLUSH MOUNT	
	01-2A142

# PN Spare Parts

## Male Configuration



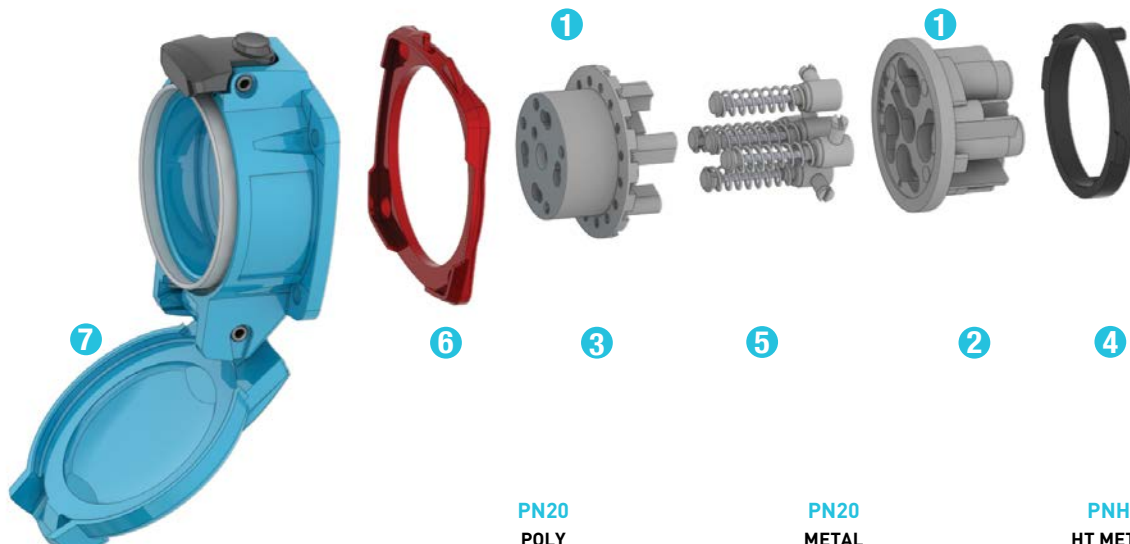
	PN20 POLY	PN20 METAL	PNHT HT METAL
1 Plug Insulator (Top & Bottom)	01-NA010	09-NA010	09-2A010-185
2 Insulator Bottom	01-NA010-B	09-NA010-B	09-2A010-185-B
3 Insulator Top	01-NA010-T	09-NA010-T	09-2A010-185-T
4 Locking Ring	01-NA583	09-NA583	09-2A583-185
5 Plug Contact	01-NA011	09-NA011	09-2A011-185
5 Plug Ground Contact	01-NA019	09-NA019	09-2A019-185
6 Color-Coded Voltage Gasket	 01-NAJ26	09-NAJ26	-
	 01-NAC26	09-NAC26	-
	 01-NAB26	09-NAB26	-
	 01-NAR26	09-NAR26	-
	 01-NAN26	09-NAN26	-
7 Plug Casing	01-NA014	09-NA014	09-2A014-185

Please provide full part number for accurate part alignment

Part numbers in catalog are for current revisions, others may be available upon request.

For replacement parts contact Customer Service at 800-433-7642.

# Female Configuration



	PN20 POLY	PN20 METAL	PNHT HT METAL
1 Receptacle Insulator (Top & Bottom)	01-NA020	09-NA020	09-2A020-185
2 Insulator Bottom	01-NA020-B	09-NA020-B	09-2A020-185-B
3 Insulator Top	01-NA020-T	09-NA020-T	09-2A020-185-T
4 Locking Ring	01-NA583	09-NA583	09-2A583-185
5 Receptacle Contact	01-NA021	09-NA021	09-2A021-185
5 Receptacle Ground Contact	01-NA029	09-NA029	09-2A029-185
6 Color-Coded Voltage Gasket			
	01-NAJ26	09-NAJ26	-
	01-NAC26	09-NAC26	-
	01-NAB26	09-NAB26	-
	01-NAR26	09-NAR26	-
	01-NAN26	09-NAN26	-
7 Receptacle Casing (as shown)	01-NA024	09-NA024	09-2A024-185

Please provide full part number for accurate part alignment

Part numbers in catalog are for current revisions, others may be available upon request.

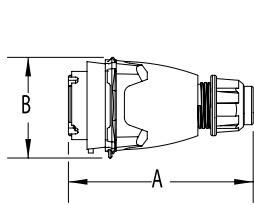
For replacement parts contact Customer Service at 800-433-7642.

# PN DIMENSIONS – Provided in Inches

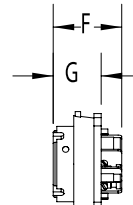
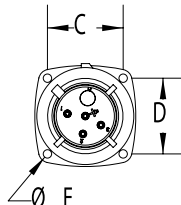


Dimensions are for reference only and may change depending on accessories used. For precise dimensions contact [MELTRIC Engineering](mailto:meltric@meltric.com).

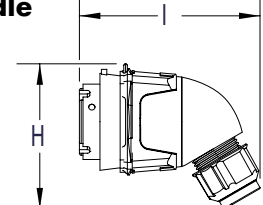
## Plug



## Inlet

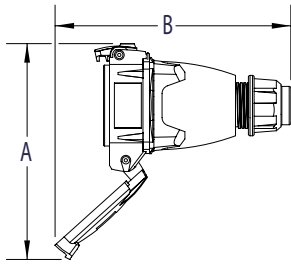


## Plug Angled Handle

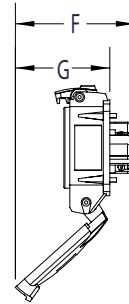
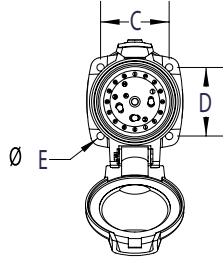


PRODUCT	A	B	C	D	E	F	G	H	I
PN	4.33	2.4	1.65	1.65	0.18	1.5	1.14	3.9	3.17

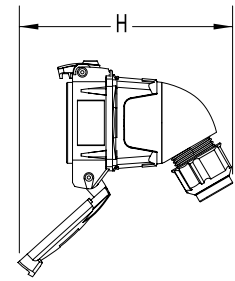
## Connector



## Receptacle

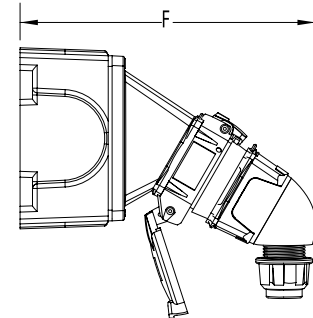
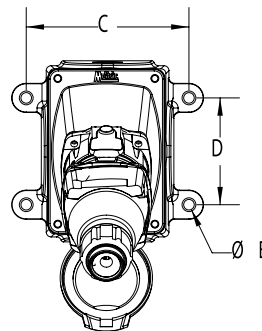
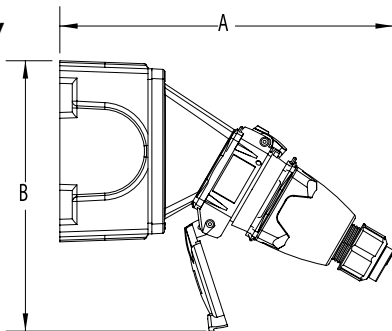


## Connector Angled Handle



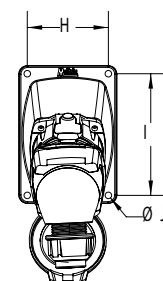
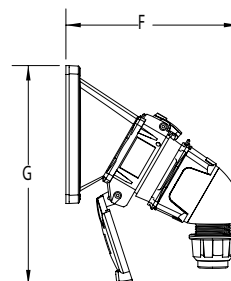
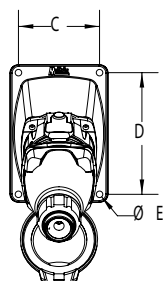
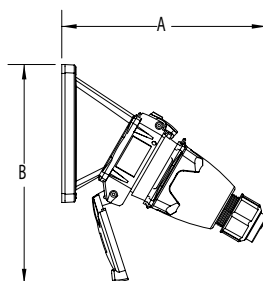
PRODUCT	A	B	C	D	E	F	G	H
PN	5.51	5.69	1.65	1.65	0.18	1.93	1.38	4.17

## Box/30° Angle/Receptacle/Plug



PRODUCT	A	B	C	D	E	F
PN	8.59	6.96	4.19	2.75	0.27	7.6

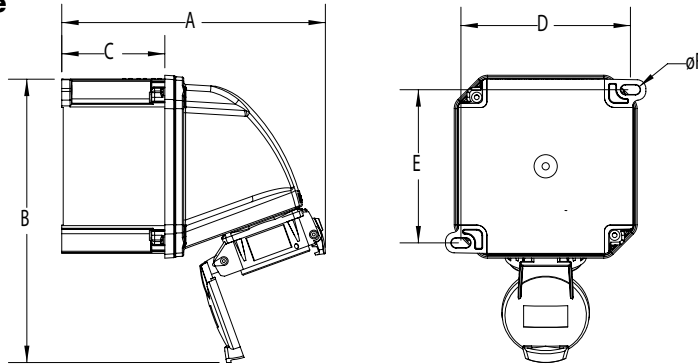
## 30° Angle/Receptacle/Plug



PRODUCT	A	B	C	D	ØE	F	G	H	I	J
PN	6.32	6.76	2.5	3.75	0.2	5.33	6.76	2.5	3.75	0.2



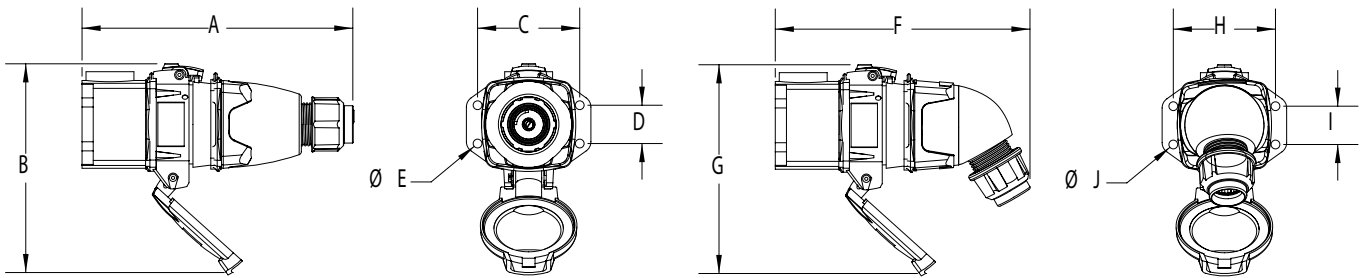
**70° Wall Box/Receptacle**



PRODUCT	A	B	C	D	E	F
PN	7.13	7.63	2.80	4.60	4.15	0.26

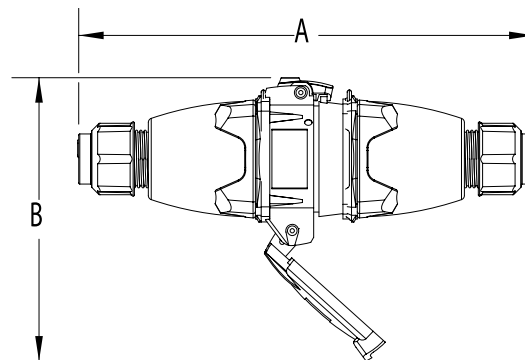
**Straight Wall Box/Receptacle/Plug**

**Straight Wall Box/Receptacle/  
Plug/Angled Handle**



PRODUCT	A	B	C	D	ØE	F	G	H	I	J
PN	6.68	5.15	2.52	0.95	0.22	6.28	5.15	2.52	0.95	0.22

**Connector/Plug**



PRODUCT	A	B
PN	8.37	5.21



# PNHT

## High Temperature



### Main Advantages

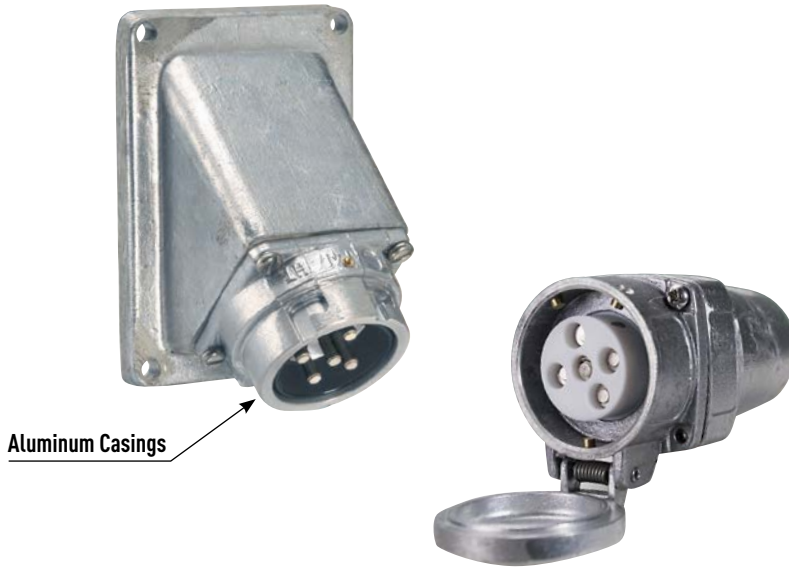
- Suitable for application temperatures up to 465°F (240°C)
- Compact yet durable device
- Spring-loaded, silver-nickel contacts
- Spring-assisted elliptical deforming ring resists loosening of the wire terminations

- Features and Ratings p. 114
- PNHT p. 115

SCAN  
ME >>



# PRODUCT FEATURES



## General Ratings

Amperage	30 A
Voltage	480 VAC Max
Environmental	IP44
Temperature	Max 465°F (240° C)

NOM listing available

This high-temperature version of the PN is approved for use in temperatures up to 465°F / 240°C.

Therefore, you can supply power to electrical equipment located next to heat sources: machines, industrial facilities, steel works, metallurgy, etc.

## Operating Instructions

### Disconnection



Ensure that the circuit is de-energized before removing the plug from the receptacle.



To remove the plug, apply slight inward force and rotate the plug counterclockwise.

### Connection



To connect, open lid, align grooves in inlet with pins in the receptacle casing.



Insert and twist clockwise until plug is engaged.

# PNHT High Temperature

## Ratings

- **Max Amperage & Voltage**  
30 A, 480 VAC, 130 VDC
- **Not for Current Interruption**  
Not for current interrupting
- **Environmental Ratings**  
IP44
- **Temperature Range**  
Min -40°F / Max 465°F  
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**  
Based on THHN wire sizes.  
Min 14 AWG Max 8 AWG

**Certification**  
NOM

## Receptacle (female)



## Inlet (male)



**!** Remember to add installation accessories to your order

## North American Configurations

VOLTAGE	POLARITY	PART # METAL	PART # METAL
125 V	1P+N+G	09-24075-185	09-28075-185
250 V	2P+G	09-24072-185	09-28072-185
125 250 V	2P+N+G	09-24076-185	09-28076-185
250 V	3P+G	09-24073-185	09-28073-185
125 250 V	3P+N+G	09-24077-185	09-28077-185
277 V	1P+N+G	09-24045-185	09-28045-185
480 V	2P+G	09-24042-185	09-28042-185
480 V	3P+G	09-24043-185	09-28043-185
277 480 V	3P+N+G	09-24047-185	09-28047-185

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

**!** See pages 237-246 for detailed information on these options



# INSTALLATION ACCESSORIES – SIZE 1

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

**HANDLES**

HANDLE WITH CORD GRIP CABLE RANGE	PART #
.310-.510"	571P020M185
.470-.790"	571P025M185
.630-.940"	571P032M185



For available cord grips, see pg 231.

METAL HANDLE W/THREADED OPENING WITH NPT	PART #
1/2"	571P0N05185
3/4"	571P0N07185
1"	571P0N10185



**BOXES**

METAL WALL BOX WITH NPT	PART #
0° 1/2"	571B0N05185
0° 3/4"	571B0N07185

METAL BOX WITH NPT	PART #
0° 1/2"	771F0N05
0° 3/4"	771F0N07
0° 1"	771F0N10
0° 1 1/4"	771F0N12

METAL ANGLE WITH METAL BOX WITH NPT	PART #
45° 1/2"	771C4N05185
45° 3/4"	771C4N07185
45° 1"	771C4N10185
45° 1 1/4"	771C4N12185

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

**ANGLES**

METAL ANGLE	PART #
0°	571M0
45°	571M4185



45° Angled Inlet

Wall Box with Inlet

Connector

Wall Box with Receptacle

# DSDC

## Direct Current



### Main Advantages

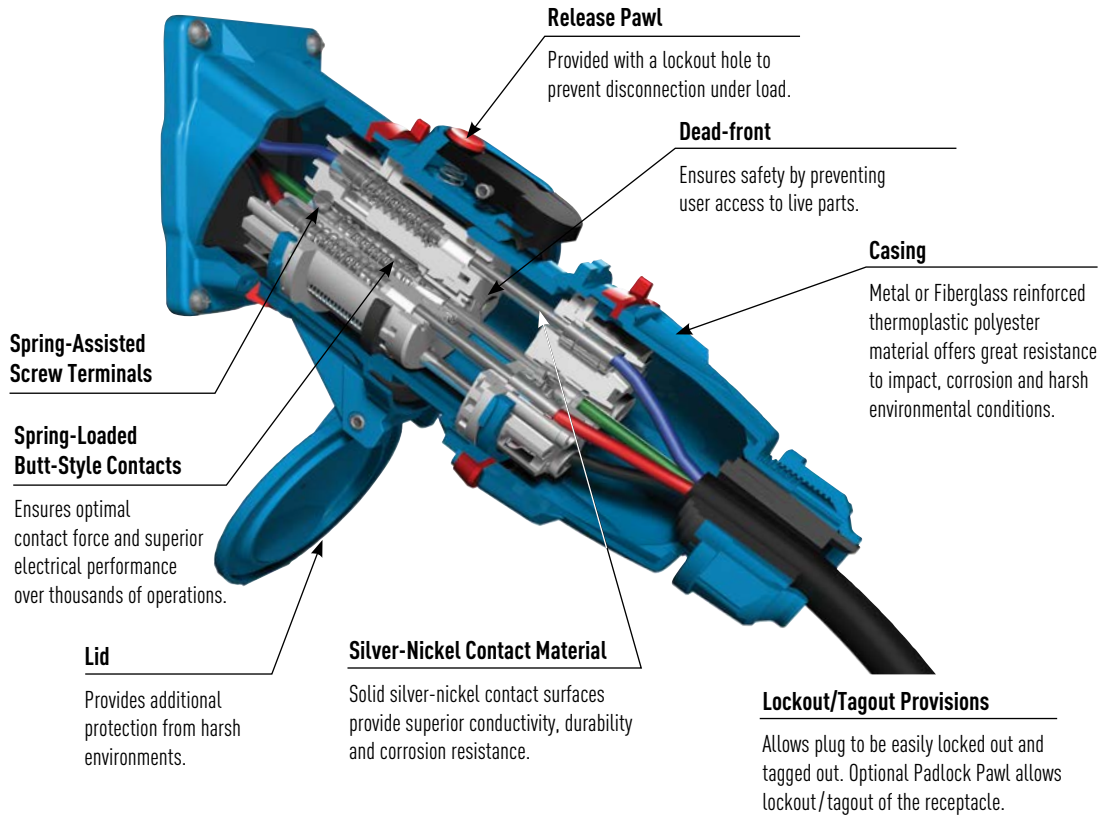
- Rated for Direct Current
- Standard locking feature enables locking in the connected and disconnected position.
- Robust Metal or Poly constructions

- Features and Ratings p. 118
- DSDC p. 119

SCAN  
ME >>



# PRODUCT FEATURES



## General Ratings

<b>Amperage</b>	130 VDC: 20 to 200 A 250 VDC: 20 to 200 A 600 VDC: 15 to 100 A 750 VDC: 10 to 30 A
<b>Voltage</b>	130 VDC, 250 VDC, 600 VDC or 750 VDC
<b>Environmental</b>	Type 3R or Type 4X/IP69/IP69K
<b>Temperature</b>	Min -40°F/Max 140°F

## Highlighted Feature

### Receptacle Lockout Hole



All DSDC models are provided with a 5/16" lockout hole in the pawl. This feature allows locking of the receptacle to prevent accidental disconnection of the plug under load.

## Operating Instructions



When a DSDC is under load the receptacle should be locked to prevent disconnection.



If the DSDC is NOT under load, it can be disconnected by pressing the pawl.



A 30° counter-clockwise turn of the plug allows it to be totally withdrawn from the receptacle. This is done in complete safety as the circuit is already de-energized.



The plug and the receptacle are separated. The safety shutter prevents access to live parts.

**5** To reconnect, insert plug into receptacle, rotate 30° clockwise, and apply insertion force.

## Listings

Category	UL	CSA	NOM
Plugs and Receptacles	UL 1682	C22.2 No. 182.1	NOM-003-SCFI-2014

# DSDC Direct Current

## UL/CSA Ratings

- **Max Amperage & Voltage**  
200 A, 750 VDC
- **Current Interruption Capability**  
Not for current interrupting
- **Environmental Ratings**  
DSDC1 and DSDC3:  
Type 3R/IP54/IP55 (Standard)  
DSDC6, DSDC9 and DSDC2:  
Type 4X/IP69/IP69K (Standard)\*  
\*Also meets IP66/IP67 requirements
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**  
Based on THHN wire sizes.  
DSDC1 Min 14 AWG Max 8 AWG  
DSDC3 Min 12 AWG Max 4 AWG  
DSDC6 Min 10 AWG Max 2 AWG  
DSDC9 Min 4 AWG Max 2/0 AWG  
DSDC2 Min 4 AWG Max 4/0 AWG
- **Certifications**  
UL 1682 (130, 250 & 600 VDC)  
CSA C22.2 NO. 182.1 listed up to 250 VDC  
NOM  
750 VDC devices pass UL testing, but are outside the scope of the standard so they cannot be listed.

Receptacle Options	Part #
Type 4X Watertightness (for DSDC1 and DSDC3)	<b>Recept # -4X</b>
Metal Pawl (on poly receptacle)	<b>Recept # -824</b>
Self-Returning Lid	<b>Recept # -NC</b>

DSDC2 models are also provided with a screw locking pawl to provide an alternative means of preventing accidental disconnection under load.

Inlet Options	Part #
Type 4X Watertightness	<b>Inlet # -4X</b>
With no Lockout Hole	<b>Inlet # -A155</b>

## Receptacle (female)



## Inlet (male)



**!** Remember to add installation accessories to your order

## North American UL/CSA Configurations

NOTE: Poly devices should not be inter-mated with metal devices

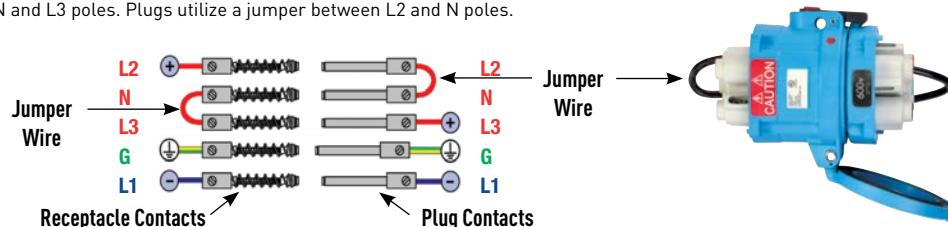
VOLTAGE	POLARITY	PART #		PART #		
		POLY	METAL	POLY	METAL	
DSDC1	130 V/20 A	2P+G	33-14109	-	33-18109	-
DSDC3	130 V/30 A	2P+G	33-34109	-	33-38109	-
DSDC6	130 V/60 A	2P+G	33-64109	37-64109	33-68109	37-68109
DSDC9	130 V/100 A	2P+G	33-94109	37-94109	33-98109	37-98109
DSDC2	130 V/200 A	2P+G	-	37-24109	-	37-28109
DSDC1	250 V/20 A	2P+G	33-14209	-	33-18209	-
DSDC3	250 V/30 A	2P+G	33-34209	-	33-38209	-
DSDC6	250 V/60 A	2P+G	33-64209	37-64209	33-68209	37-68209
DSDC9	250 V/100 A	2P+G	33-94209	37-94209	33-98209	37-98209
DSDC2	250 V/200 A	2P+G	-	37-24209	-	37-28209
DSDC1	600 V/15 A	2P+G*	33-14058-S82	-	33-18058-S82	-
DSDC3	600 V/30 A	2P+G*	33-34058-S82	-	33-38058-S82	-
DSDC6	600 V/50 A	2P+G*	33-64058-S82	37-64058-S82	33-68058-S82	37-68058-S82
DSDC9	600 V/60 A	2P+G*	33-94058-S82	-	33-98058-S82	-
DSDC2	600 V/100 A	2P+G*	-	37-24058-S82	-	37-28058-S82
DSDC1	750 V/10 A	2P+G*	33-14158-S69	-	33-18158-S69	-
DSDC3	750 V/20 A	2P+G*	33-34158-S69	-	33-38158-S69	-
DSDC6	750 V/30 A	2P+G*	33-64158-S69	37-64158-S69	33-68158-S69	37-68158-S69

**Notes:** \*Polarity for connection purposes. Devices have additional contacts used for load splitting. See information below.

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

## Jumpers provided on 600 VDC and 750 VDC models

Jumpers are required on all 600 VDC and 750 VDC models as a safety precaution to split the arc in case of accidental disconnection under load. Plugs and receptacles are provided with jumpers installed. Receptacles utilize a jumper between N and L3 poles. Plugs utilize a jumper between L2 and N poles.



**!** See pages 237-246 for detailed information on these options

**Handle Option Guide**  
pgs 243-244

# INSTALLATION ACCESSORIES

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

**HANDLES**



Poly Handle



DSDC1 shown with drawplates



Poly Handle

DSDC1, 3, 6 shown



Poly Handle

DSDC9, 2 shown

CABLE RANGE	POLY HANDLE	HANDLES							
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	
DSDC1	.200-.820"	512P0D21	512P0N05 <i>with drawplates</i>	512P0N07 <i>with drawplates</i>	512P0N10 <i>with drawplates</i>	512P0N12 <i>with drawplates</i>	-	-	-
			512P0N05E2615	512P0N07E2615	512P0N10E2615	512P0N12E2615	-	-	-
DSDC3	.390-1.180"	513P0D30	513P0N05	513P0N07	513P0N10	513P0N12	-	-	-
DSDC6	.511-1.377"	514P0D35	514P0N05	514P0N07	514P0N10	514P0N12	514P0N15	-	-
DSDC9	-	-	-	515P0N07	515P0N10	515P0N12	515P0N15	515P0N20	-
DSDC2	-	-	-	-	-	-	516P0N15	516P0N20	516P0N25

- Notes:**
- Finger draw plates are recommended for easier connector closure on cord to cord assemblies.
  - For available cord grips, see pg 231.

For metal accessories, see the cross-reference chart below.

**BOXES**



DSDC1, 3, 6 shown

Metal Box



DSDC9, 2 shown

Metal Box

CABLE RANGE	BOXES							
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	
DSDC1	7T1F0N05	7T1F0N07	7T1F0N10	7T1F0N12	-	-	-	
DSDC3	7T1F0N05	7T1F0N07	7T1F0N10	7T1F0N12	-	-	-	
DSDC6	-	-	7T4F0N10	7T4F0N12	7T4F0N15	7T4F0N20	-	
DSDC9	-	-	-	7T5F0N12	7T5F0N15	7T5F0N20	7T5F0N25	
DSDC2	-	-	-	-	7T6F0N15	7T6F0N20	7T6F0N25	

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



Poly Conduit Box For poly devices only

CABLE RANGE	Poly Conduit Box			
	1/2"	3/4"	1"	1 1/4"
DSDC1	512B3N05	512B3N07	-	-
DSDC3	513B3N05	513B3N07	513B3N10	-
DSDC6	514B3N05	514B3N07	514B3N10	514B3N12

For DSDC dimensions and additional accessories use the cross-reference chart below.

	DIMENSIONS	ACCESSORIES
DSDC1	pg 55-56	pg 44
DSDC3	pg 55-56	pg 46
DSDC6	pg 55-56	pg 48
DSDC9	pg 55-56	pg 50
DSDC2	pg 55-56	pg 52

**ANGLES**



CABLE RANGE	POLY 30° ANGLE	METAL 30° ANGLE	METAL ANGLE FS/FD BOX 30°	METAL STRAIGHT ADAPTER	POLY 70°** WALL BOX
	DSDC1	512M3	592M3	792M3FS*	592M0
DSDC3	513M3	593M3	793M3FS*	593M0	513C7000
DSDC6	514M3	594M3	-	594M0	514C7000
DSDC9	515M3	595M3	-	595M0	-
DSDC2	-	596M6 (60°)	-	596M0	-

\* M3FS 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° boxes do not have pre-drilled entry locations. Contact Customer Service if factory drilling is required.

**MISC. ACCESSORIES**



\* Set of Two (2)



For Inlets/Plugs Only



For Inlets/Plugs Only



For Inlets/Plugs Only

FINGER DRAWPLATES	PROTECTIVE INLET/PLUG CAP	POLY PADLOCKABLE INLET/PLUG CAP	SPRING-LOADED PADLOCKABLE INLET/PLUG CAP
61-3A346	31-1A426	DS1PC	31-1A226
61-6A346	31-3A426	DS3PC	31-3A226
31-6A346	31-6A426	DS6PC	31-6A226+
**	31-9A426	DS9MC***	-
**	39-2A426	DS2MC***	-

\* Recommended for all assembly applications, for facilitated mating.  
\*\* An easy closing mechanism is standard on DSDC9 and DSDC2.  
\*\*\* Padlockable Cap Aluminum - Not pictured.  
+ For metal devices, replace "31" prefix with "39". Order with -A155 suffix.