


# DR150 Standard Duty - 150 A

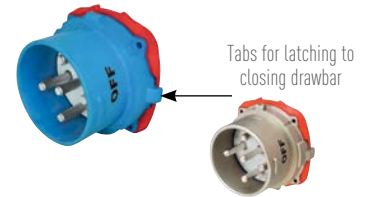
## UL/CSA Ratings

- **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		PART #
	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		PART #
	.708-.984"	555P0D25
	.984-1.377"	555P0D35
	1.377-1.771"	555P0D45
	1.771-1.929"	555P0D49

## ANGLES

POLY ANGLE		PART #
	30°	515M3

METAL ANGLE		PART #	Notes
	0°	595M0	
	30°	595M3	
	30° Oversized	795M3	Mounts on oversize metal box only. Order with 7T6F0N25XL. See pg 100.
	70°	595M7	

## BOXES

POLY ANGLE WITH METAL BOX WITH NPT			PART #	Notes
	30°	1 1/4"	715C3N12	* Interior volume with receptacle installed.
	30°	1 1/2"	715C3N15	
	30°	2"	715C3N20	
	30°	2 1/2"	715C3N25	
	* 108.7 in <sup>3</sup>			

METAL ANGLE WITH METAL BOX WITH NPT			PART #	Notes
	30°	1 1/4"	795C3N12	* Interior volume with receptacle installed.
	30°	1 1/2"	795C3N15	
	30°	2"	795C3N20	
	30°	2 1/2"	795C3N25	
	* 111.8 in <sup>3</sup>			

METAL BOX WITH NPT			PART #
	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		Notes
	31-9A426	For Inlets/Plugs Only. Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability.

PADLOCKABLE INLET/PLUG CAP		Notes
	DS9MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required on inlet part # to retain water ingress protection.

CORD GRIP WITH OPTIONS		Notes
	see pg 231	

EASY RETROFIT ADAPTER PLATES		Notes
	see pg 246	Mount to existing boxes.

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