


# DR150 Standard Duty Plugs & Receptacles – 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 DS & DSN sections.
- **Short Circuit Rating**  
65kA  
Testing was performed with RK1 current limiting fuses sized at least 100% of the devices ampacity rating.
- **Environmental Ratings**  
Type 4X (Poly Standard)  
Type 3R (Metal Standard)  
Type 4X (Metal Optional)
- **Temperature Range**  
Min -40°F / Max 140°F  
See pg 256 for temps below -15°F.
- **Wiring Capacity**  
Min 4 AWG Max 2/0 AWG  
Aux Contacts - Max 14 AWG  
Based on THHN wire sizes
- **Certifications**  
UL 1682, CSA 182.1

## Receptacle (female)

## Inlet (male)



## North American UL/CSA Configurations

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

## Main Options



## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #

With 2 Auxiliary/Pilot Contacts	<b>Recept # - 262</b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # - 262</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>
With 5 Auxiliary/Pilot Contacts	<b>Recept # - 975</b>	With 5 Auxiliary/Pilot Contacts	<b>Inlet # - 975</b>
With 6 Auxiliary/Pilot Contacts	<b>Recept # - 976</b>	With 6 Auxiliary/Pilot Contacts	<b>Inlet # - 976</b>
Type 4X & Closed Lid Configuration	<b>Recept # - 4X<sup>i</sup></b>	Type 4X Watertightness	<b>Inlet # - 4X<sup>i</sup></b>
Mushroom Pawl	<b>Recept # - 375</b>	With No Lockout Hole	<b>Inlet # - A155</b>
Padlock Pawl	<b>Recept # - 843</b>	For Auxiliary Switch	<b>Inlet # - NNF*</b>
Padlockable Mushroom Pawl	<b>Recept # - 375-843</b>		
Locking Mushroom Pawl	<b>Recept # - 845</b>		
Metal Pawl (on poly receptacle)	<b>Recept # - 824</b>		
180° Opening Lid	<b>Recept # - 180++<sup>i</sup></b>		
Closed Lid Configuration	<b>Recept # - NC</b>		
With Auxiliary Switch	<b>Recept # - 270+</b>		

**Notes:** \* Order inlet with P+N+G configuration and receptacle with P+G configuration.  
<sup>i</sup> Metal devices only.

 See pages 233-242 for detailed information on these options





**Notes:** + Not UL/CSA listed.  
++ Required when mating to rigid mounted male inlet.  
<sup>i</sup> Metal devices only.

**Order Example: 480V DR150 + 2 auxiliary contacts**  
DR150 Poly inlet 3P+G = 31-98243-K04-972


# INSTALLATION ACCESSORIES – SIZE 5


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

**HANDLES**


HANDLE w/NPT	Part # Poly	Part # Metal
 3/4"	<b>515P0N07</b>	<b>595P0N07</b>
 Poly 1"	<b>515P0N10</b>	<b>595P0N10</b>
 1 1/4"	<b>515P0N12</b>	<b>595P0N12</b>
 Metal 1 1/2"	<b>515P0N15</b>	<b>595P0N15</b>
For metal devices only 2"	<b>515P0N20</b>	<b>595P0N20</b>

For available cord grips, see pg 165.


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.980 - 1.260"	<b>715P0EP4</b>
	1.260 - 1.560"	<b>715P0FP1</b>
	1.520 - 1.860"	<b>715P0GP2</b>


METAL HANDLE w/CORD GRIP	Part #
	<b>795P0FS1</b>
	<b>795P0FS2*</b>
	<b>795P0FS3*</b>
For metal devices only 1.688 - 1.812"	<b>795P0GS1</b>

\*May require stripping of cable jacket.






METAL OVERSIZED HANDLE w/NPT	Part #
	<b>795P0N07</b>
	<b>795P0N10</b>
	<b>795P0N12</b>
	<b>795P0N15</b>
For metal devices only 2"	<b>795P0N20</b>
	<b>795P0N25</b>

For available cord grips, see pg 165.

SANTOPRENE HANDLE	Part #
	<b>555P0D25</b>
	<b>555P0D35</b>
IP66/IP67 1.378 - 1.771"	<b>555P0D45</b>

POLY HANDLE w/CLAMP & BUSHING	Part #
	<b>715P0S22</b>
	<b>715P0S25</b>
	<b>715P0S27</b>
	<b>715P0S29</b>

**ANGLES**


POLY ANGLE	Part #
 30°	<b>515M3</b>
METAL ANGLE	Part #
 0°	<b>595M0</b>
 30°	<b>595M3</b>
 Oversized 30°	<b>795M3</b>
 70°	<b>595M7</b>

Mounts on oversize metal box only. Order with 7T6F0N25XL. See pg 52.

**BOXES**

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

\* Interior volume with receptacle installed.

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

\* Interior volume with receptacle installed.


METAL BOX w/NPT	Part #
 0° 1 1/4"	<b>7T5F0N12</b>
	<b>7T5F0N15</b>
	<b>7T5F0N20</b>
	<b>7T5F0N25</b>

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

**MISCELLANEOUS ACCESSORIES**

PROTECTIVE INLET/PLUG CAP	Part #	Description
	<b>31-9A426</b>	For Inlets/Plugs Only. Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability.

PADLOCKABLE INLET/PLUG CAP	Part #	Description
	<b>DS9MC</b>	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

CORD GRIP with MESH	Part #
	<b>see pg 165</b>

EASY RETROFIT ADAPTER PLATES	Part #	Description
	<b>see pg 162</b>	Mount to existing boxes.

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