

# DR250 Standard Duty Plugs & Receptacles – 250 A

## UL/CSA Ratings

- Max Amperage & Voltage**  
 250 A, 600 VAC
- Current Interruption Capability**  
 Not for current interrupting  
 For Switch-Rated devices, see DS & DSN sections.
- Short Circuit Rating**  
 10kA  
 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 4 AWG Max 4/0 AWG  
 Aux Contacts - Max 14 AWG  
 Based on THHN wire sizes
- Certifications**  
 UL 1682, CSA 182.1

## Receptacle (female)

Easy Closing Mechanism



Standard DR250 lid opens to 90°

## Inlet (male)



Tabs for latching to closing mechanism



If you have an existing removable and/or permanently attached drawbar, contact customer service.



Don't forget to add installation accessories to your order

## North American UL/CSA Configurations

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

## 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*
With 4 Auxiliary/Pilot Contacts	Recept # - 174+	With 4 Auxiliary/Pilot Contacts	Inlet # - 174+
With 6 Auxiliary/Pilot Contacts	Recept # - 976+	With 6 Auxiliary/Pilot Contacts	Inlet # - 976+
Type 4X & Closed Lid Configuration	Recept # - 4X	Type 4X Watertightness	Inlet # - 4X
Mushroom Pawl	Recept # - 375	For Auxiliary Switch	Inlet # - NNF**
Padlock Pawl	Recept # - 843	With No Lockout Hole	Inlet # - A155
Padlockable Mushroom Pawl	Recept # - 375-843		
Screw-Type Locking Pawl	Recept # - 845		
180° Opening Lid	Recept # - 180+++		
Closed Lid Configuration	Recept # - NC		
With Auxiliary Switch	Recept # - 270++		

**Notes:** \* Customers needing to maintain compatibility with old style -172 auxiliary contacts should use a -172 suffix.

\* This option not available with N contact.

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

**Notes:** \* Customers needing to maintain compatibility with old style -172 auxiliary contacts should use a -172 suffix.

\* This option not available with N contact.

++ Not UL/CSA listed.

+++ Required when mating to rigid mounted male inlet.


**Order Example: 480V DR250 + 2 auxiliary contacts**

DR250 Metal inlet 3P+G = 39-28243-K04-972


See pages 235-244 for detailed information on these options

# INSTALLATION ACCESSORIES – SIZE 6


**HANDLES**

HANDLE w/NPT	Part # Poly	Part # Metal
 1	<b>516P0N10</b>	<b>596P0N10</b>
1 1/4"	<b>516P0N12</b>	<b>596P0N12</b>
<i>Poly</i> 1 1/2"	<b>516P0N15</b>	<b>596P0N15</b>
2"	<b>516P0N20</b>	<b>596P0N20</b>
2 1/2"	<b>516P0N25</b>	<b>596P0N25</b>
<i>Metal</i> 3"	-	<b>596P0N30</b>

For available cord grips, see page 167.

POLY HANDLE w/CORD GRIP	Cable Range	Part #
	1.520 - 1.860"	<b>716P0GP2</b>
	1.850 - 2.190"	<b>716P0GP3*</b>

\*May require stripping of cable jacket.


METAL HANDLE w/CORD GRIP	Cable Range	Part #
	1.688 - 1.812"	<b>796P0GS1</b>
	1.812 - 1.938"	<b>796P0GS2*</b>
	1.938 - 2.062"	<b>796P0JS1</b>
	2.062 - 2.188"	<b>796P0JS2</b>
	2.188 - 2.312"	<b>796P0JS3</b>
	2.312 - 2.438"	<b>796P0JS4*</b>
	2.437 - 2.625"	<b>796P0KS1</b>
	2.625 - 2.812"	<b>796P0KS2</b>

\*May require stripping of cable jacket.





METAL OVERSIZED HANDLE w/NPT	Part #
1 1/4"	<b>796P0N12</b>
1 1/2"	<b>796P0N15</b>
2"	<b>796P0N20</b>
2 1/2"	<b>796P0N25</b>
3"	<b>796P0N30</b>

For metal devices only




For available cord grips, see page 167.

SANTOPRENE HANDLE	Cable Range	Part #
	.984 - 1.378"	<b>556P0D35</b>
IP66/IP67	1.378 - 1.772"	<b>556P0D45</b>
	1.772 - 1.929"	<b>556P0D49</b>

**ANGLES**





METAL ANGLE	Part #	Notes
 0°	<b>596M0</b>	
 Oversized 45°	<b>796M4</b>	Mounts on oversize metal box only. Order with 7T6F0N25XL.
 60°	<b>596M6</b>	
 Extended 60°	<b>597M6</b>	

**BOXES**

METAL ANGLE WITH METAL BOX w/NPT	Part #	Notes
 60° 1 1/2"	<b>796C6N15</b>	* Interior volume with receptacle installed.
60° 2"	<b>796C6N20</b>	
* 248.4 in <sup>3</sup> 60° 2 1/2"	<b>796C6N25</b>	
METAL BOX w/NPT	Part #	Notes
 0° 1 1/2"	<b>7T6F0N15</b>	* Interior volume with receptacle installed.
0° 2"	<b>7T6F0N20</b>	
0° 2 1/2"	<b>7T6F0N25</b>	
METAL OVERSIZED BOX w/NPT	Part #	Notes
 0° 2"	<b>7T6F0N20XL</b>	
0° 2 1/2"	<b>7T6F0N25XL</b>	
0° 3"	<b>7T6F0N30XL</b>	

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

**MISCELLANEOUS ACCESSORIES**

PROTECTIVE INLET/PLUG CAP	Part #	Notes
	<b>39-2A426</b>	Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability. For Inlets/Plugs Only.
PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	<b>DS2MC</b>	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.
CORD GRIP WITH MESH	Part #	Notes
	see pg 167	
RECEPTACLE LOCKING PIN	Part #	Notes
	<b>LP-843</b>	Requires Padlockable Pawl option (-843) on receptacle.