

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 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

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*

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

INSTALLATION ACCESSORIES – SIZE 6


HANDLES

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

For available cord grips, see page 167.

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

*May require stripping of cable jacket.


METAL HANDLE w/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.

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

For metal devices only

For available cord grips, see page 167.




SANTOPRENE HANDLE	Cable Range	Part #
	.984 - 1.378"	556P0D35
	1.378 - 1.772"	556P0D45
	1.772 - 1.929"	556P0D49

IP66/IP67

ANGLES





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

BOXES

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

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

MISCELLANEOUS ACCESSORIES

PROTECTIVE INLET/PLUG CAP	Part #	Notes
	39-2A426	Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability. For Inlets/Plugs Only.
PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	DS2MC	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
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.