

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



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



Don't forget to add installation accessories to your order



Standard DR250 lid opens to 90°

Inlet (male)



Tabs for latching to closing mechanism

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

With 2 Auxiliary/Pilot Contacts	Recept # - 972*
With 4 Auxiliary/Pilot Contacts	Recept # - 174+
With 6 Auxiliary/Pilot Contacts	Recept # - 976+
Type 4X & Closed Lid Configuration	Recept # - 4X
Mushroom Pawl	Recept # - 375
Padlock Pawl	Recept # - 843
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++

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts	Inlet # - 972*
With 4 Auxiliary/Pilot Contacts	Inlet # - 174+
With 6 Auxiliary/Pilot Contacts	Inlet # - 976+
Type 4X Watertightness	Inlet # - 4X
For Auxiliary Switch	Inlet # - NNF**
With No Lockout Hole	Inlet # - A155

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
	1 1/2"	516P0N15	596P0N15
	2"	516P0N20	596P0N20
	2 1/2"	516P0N25	596P0N25
	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	
	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	
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	
	.984 - 1.378" 556P0D35
	1.378 - 1.772" 556P0D45
	1.772 - 1.929" 556P0D49

IP66/IP67

ANGLES

METAL ANGLE	
	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 #
	60°	1 1/2"	796C6N15
	60°	2"	796C6N20
	60°	2 1/2"	796C6N25

* 248.4 in³

* Interior volume with receptacle installed.

METAL BOX w/NPT			Part #
	0°	1 1/2"	7T6F0N15
	0°	2"	7T6F0N20
	0°	2 1/2"	7T6F0N25

* Interior volume with receptacle installed.

METAL OVERSIZED BOX w/NPT			Part #
	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	
	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 to maintain water ingress protection.

CORD GRIP WITH MESH	
	see pg 167

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