

DR50 Standard Duty Plugs & Receptacles – 50A

UL/CSA Ratings

- **Max Amperage & Voltage**
50A, 600 VAC
- **Current Interruption Capability**
For current interrupting up to 250 VAC
For Switch-Rated devices, see DS & DSN sections.
- **Short Circuit Rating**
100kA
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 253 for temps below -15°F.
- **Wiring Capacity**
Min 14 AWG Max 4 AWG
Aux Contacts - Max 14 AWG
Based on THHN wire sizes
- **Certifications**
UL 1682, CSA 182.1

Receptacle (female)



Inlet (male)



! Don't forget to add installation accessories to your order

North American UL/CSA Configurations

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	31-34235-K16	31-38235-K16
120 208V	3P+N+G	31-34237-K16	31-38237-K16
125V	1P+N+G	31-34175-K07	31-38175-K07
125 250V	2P+N+G	31-34176-K07	31-38176-K07
208V	2P+G	31-34232-K16	31-38232-K16
208V	3P+G	31-34233-K16	31-38233-K16
250V	2P+G	31-34172-K07	31-38172-K07
250V	3P+G	31-34173-K07	31-38173-K07
277V	1P+N+G	31-34245-K04	31-38245-K04
277 480V	3P+N+G	31-34247-K04	31-38247-K04
347 600V	3P+N+G	31-34187-K14	31-38187-K14
480V	2P+G	31-34242-K04	31-38242-K04
480V	3P+G	31-34243-K04	31-38243-K04
600V	2P+G	31-34182-K14	31-38182-K14
600V	3P+G	31-34183-K14	31-38183-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 3 Auxiliary/Pilot Contacts	Recept # - 973	With 3 Auxiliary/Pilot Contacts	Inlet # - 973
With 4 Auxiliary/Pilot Contacts	Recept # - 974	With 4 Auxiliary/Pilot Contacts	Inlet # - 974
Type 4X & closed lid configuration	Recept # - 4X	Type 4X watertightness	Inlet # - 4X
Mushroom Pawl	Recept # - 375	With No Lockout Hole	Inlet # - A155
Padlock Pawl	Recept # - 843	For Auxiliary Switch*	Inlet # - NNF
Padlockable Mushroom Pawl	Recept # - 375-843		
Locking Mushroom Pawl	Recept # - 845		
Metal Pawl (on poly receptacle)	Recept # - 824		
Closed Lid Configuration	Recept # - NC		
With Auxiliary Switch	Recept # - 270+		

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

Notes: + Not UL/CSA listed.

! See pages 230-239 for detailed information on these options

Order Example: 480V DR50 + 2 auxiliary contacts
DR50 Poly inlet 3P+G = 31-38243-K04-972