

DR100 Standard Duty Plugs & Receptacles – 100A

UL/CSA Ratings

- **Max Amperage & Voltage**
100A, 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 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 10 AWG Max 2 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 #		Part #	
		Poly	Metal	Poly	Metal
120V	1P+N+G	31-64235-K16	39-64235-K16	31-68235-K16	39-68235-K16
120 208V	3P+N+G	31-64237-K16	39-64237-K16	31-68237-K16	39-68237-K16
125V	1P+N+G	31-64175-K07	39-64175-K07	31-68175-K07	39-68175-K07
125 250V	2P+N+G	31-64176-K07	39-64176-K07	31-68176-K07	39-68176-K07
208V	2P+G	31-64232-K16	39-64232-K16	31-68232-K16	39-68232-K16
208V	3P+G	31-64233-K16	39-64233-K16	31-68233-K16	39-68233-K16
250V	2P+G	31-64172-K07	39-64172-K07	31-68172-K07	39-68172-K07
250V	3P+G	31-64173-K07	39-64173-K07	31-68173-K07	39-68173-K07
277V	1P+N+G	31-64245-K04	39-64245-K04	31-68245-K04	39-68245-K04
277 480V	3P+N+G	31-64247-K04	39-64247-K04	31-68247-K04	39-68247-K04
347 600V	3P+N+G	31-64187-K14	39-64187-K14	31-68187-K14	39-68187-K14
480V	2P+G	31-64242-K04	39-64242-K04	31-68242-K04	39-68242-K04
480V	3P+G	31-64243-K04	39-64243-K04	31-68243-K04	39-68243-K04
600V	2P+G	31-64182-K14	39-64182-K14	31-68182-K14	39-68182-K14
600V	3P+G	31-64183-K14	39-64183-K14	31-68183-K14	39-68183-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 # - 263	With 3 Auxiliary/Pilot Contacts	Inlet # - 263
With 4 Auxiliary/Pilot Contacts	Recept # - 264	With 4 Auxiliary/Pilot Contacts	Inlet # - 264
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		
180° Opening Lid (metal only)	Recept # - 180++		
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.
++ Required when mating to rigid mounted male inlet.

Order Example: 480V DR100 + 2 auxiliary contacts
DR100 Poly inlet 3P+G = 31-680243-K04-972

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