

DS100 Switch-Rated Plugs & Receptacles – 100 A

UL/CSA Ratings

- **Max Amperage & Voltage**
100 A, 600 VAC
- **Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**

120V	1Ø	3 hp
240V	1Ø	7.5 hp
208V	3Ø	10 hp
240V	3Ø	10 hp
480V	3Ø	30 hp
- **Short Circuit Rating**
65kA Close & Withstand
Testing was performed with RK5 time delay fuses sized at 100% of the devices rated ampacity. Alternate testing was performed with 175 A RK1 non-time delay Mersen fuses.
- **Environmental Ratings**
Type 4X (Poly Standard)
Type 3R (Metal Standard)
Type 4X (Metal Optional)
- **Temperature Range**
Min -40°F/Max 140°F
See pg 256 for temps below -15°F.
- **Wiring Capacity**
Min 4 AWG Max 2/0 AWG
Aux Contacts - Max 14 AWG
Based on THHN wire sizes
- **Certifications**
UL 2682, UL 1682, CSA 182.1

Receptacle (female)

Easy Closing Mechanism



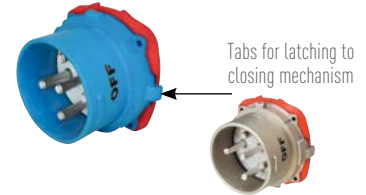
If you have an existing removable and/or permanently attached drawbar, contact customer service.



Don't forget to add installation accessories to your order

Poly casing opens to 180° while the metal casing opens only 90°.

Inlet (male)



Tabs for latching to closing mechanism

North American UL/CSA Configurations

Voltage	Polarity	Part #		Part #	
		Poly	Metal	Poly	Metal
120V	1P+N+G	33-94165	37-94165	33-98165	37-98165
120 208V	3P+N+G	33-94167	37-94167	33-98167	37-98167
125V	1P+N+G	33-94075	37-94075	33-98075	37-98075
125 250V	2P+N+G	33-94076	37-94076	33-98076	37-98076
208V	2P+G	33-94162	37-94162	33-98162	37-98162
208V	3P+G	33-94163	37-94163	33-98163	37-98163
250V	2P+G	33-94072	37-94072	33-98072	37-98072
250V	3P+G	33-94073	37-94073	33-98073	37-98073
277V	1P+N+G	33-94045	37-94045	33-98045	37-98045
277 480V	3P+N+G	33-94047	37-94047	33-98047	37-98047
347 600V	3P+N+G	33-94147	37-94147	33-98147	37-98147
480V	2P+G	33-94042	37-94042	33-98042	37-98042
480V	3P+G	33-94043	37-94043	33-98043	37-98043
600V	2P+G	33-94142	37-94142	33-98142	37-98142
600V	3P+G	33-94143	37-94143	33-98143	37-98143

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 # - 262	With 2 Auxiliary/Pilot Contacts	Inlet # - 262
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
With 5 Auxiliary/Pilot Contacts	Recept # - 975	With 5 Auxiliary/Pilot Contacts	Inlet # - 975
With 6 Auxiliary/Pilot Contacts	Recept # - 976	With 6 Auxiliary/Pilot Contacts	Inlet # - 976
Type 4X & Closed Lid Configuration	Recept # - 4X ⁱ	Type 4X Watertightness	Inlet # - 4X ⁱ
Straight Insertion	Recept # - 352	Self-Ejecting Plug Release	Inlet # - 338
Self-Ejecting Connector Release	Recept # - 354	With No Lockout Hole	Inlet # - A155
Mushroom Pawl	Recept # - 375	For Auxiliary Switch	Inlet # - NNF*
Padlock Pawl	Recept # - 843		
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.
i Metal devices only.

See pages 233-242 for detailed information on these options



Notes: + Not UL/CSA listed.
++ Required when mating to rigid mounted male inlet.
i Metal devices only.

Order Example: 480V DS100 + 2 auxiliary contacts
DS100 Poly inlet 3P+G = 33-98043-262


INSTALLATION ACCESSORIES – SIZE 5


Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.

HANDLES

HANDLE w/NPT		Part # Poly	Part # Metal
	3/4"	515P0N07	595P0N07
	1"	515P0N10	595P0N10
	1 1/4"	515P0N12	595P0N12
	1 1/2"	515P0N15	595P0N15
	2"	515P0N20	595P0N20
	For metal devices only		


For available cord grips, see page 165.


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.980 - 1.260"	715P0EP4
	1.260 - 1.560"	715P0FP1
	1.520 - 1.860"	715P0GP2

METAL HANDLE w/CORD GRIP	Cable Range	Part #
	1.250 - 1.375"	795P0FS1
	1.438 - 1.562"	795P0FS2*
	1.562 - 1.688"	795P0FS3*
	1.688 - 1.812"	795P0GS1
For metal devices only		
*May require stripping of cable jacket.		



METAL OVERSIZED HANDLE w/NPT		
	3/4"	795P0N07
	1"	795P0N10
	1 1/4"	795P0N12
	1 1/2"	795P0N15
	2"	795P0N20
	2 1/2"	795P0N25
For metal devices only		

For available cord grips, see page 165.




SANTOPRENE HANDLE		
	.70 - 1.000"	555P0D25
	.984 - 1.377"	555P0D35
	1.378 - 1.771"	555P0D45
IP66/IP67		

POLY HANDLE w/CLAMP & BUSHING		
	1.250 - 1.375"	715P0S22
	1.438 - 1.562"	715P0S25
	1.562 - 1.688"	715P0S27
	1.688 - 1.812"	715P0S29

ANGLES






POLY ANGLE		
	30°	515M3
	METAL ANGLE	
	0°	595M0
	30°	595M3
	Oversized 30°	795M3
	70°	595M7
		Mounts on oversize box only. Order with 7T6F0N25XL. See pg 52.

BOXES

POLY ANGLE WITH METAL BOX w/NPT				Part #	
	30°	1 1/4"	715C3N12	* Interior volume with receptacle installed.	
	30°	1 1/2"	715C3N15		
	30°	2"	715C3N20		
	* 108.7 in ³	30°	2 1/2"		715C3N25
	METAL ANGLE WITH METAL BOX w/NPT				
	30°	1 1/4"	795C3N12	* Interior volume with receptacle installed.	
	30°	1 1/2"	795C3N15		
	30°	2"	795C3N20		
	* 111.8 in ³	30°	2 1/2"		795C3N25
METAL BOX w/NPT					
	0°	1 1/4"	7T5F0N12		
	0°	1 1/2"	7T5F0N15		
	0°	2"	7T5F0N20		
	0°	2 1/2"	7T5F0N25		

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

MISCELLANEOUS ACCESSORIES

PROTECTIVE INLET/PLUG CAP		
	31-9A426	For Inlets/Plugs Only. Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability.
PADLOCKABLE INLET/PLUG CAP		
	DS9MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.
CORD GRIP with MESH		
	see pg 165	
EASY RETROFIT ADAPTER PLATES		
	see pg 162	Mount to existing boxes.
RECEPTACLE LOCKING PIN		
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.