

DS100 Switch-Rated - 100 A

UL/CSA Ratings

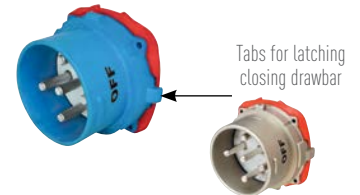
- **Max Amperage & Voltage**
100 A, 600 VAC
- **Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**

120 V	1Ø	3 hp
240 V	1Ø	7.5 hp
208 V	3Ø	10 hp
240 V	3Ø	10 hp
480 V	3Ø	30 hp
- **Short Circuit Rating**
100 kA Close & Withstand
Testing was performed with 225 A RK1 fast-acting Mersen fuses.
10 kA Close & Withstand
Testing was performed with 400 A RK1 fast-acting Mersen fuses.
- **Environmental Ratings**
Type 4X/IP66/IP67/IP69/IP69K
- **Temperature Range**
Min -40°F/Max 140°F
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**
Based on THHN wire sizes.
Min 4 AWG Max 2/0 AWG
Aux Contacts: Prewired 14 AWG
- **Certifications**
UL 2682, UL 1682,
CSA C22.2 NO. 182.1, NOM

Receptacle (female)



Inlet (male)



! Remember to add installation accessories to your order

North American UL/CSA Configurations

NOTE: Poly devices should not be inter-mated with metal devices

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

For international configurations and ratings (IEC, CE) visit meltric.com/international-catalog or contact Customer Service at 800-433-7642.

Main Options



RECEPTACLE OPTIONS

RECEPTACLE OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	Recept # -262
With 4 Auxiliary/Pilot Contacts	Recept # -264
With 6 Auxiliary/Pilot Contacts	Recept # -976
Straight Insertion	Recept # -352 ²
Self-Ejecting Connector Release**	Recept # -354 ²
Mushroom Pawl	Recept # -375
Padlock Pawl	Recept # -843
Screw-Type Locking Pawl	Recept # -845
Metal Pawl (on Poly Receptacle)	Recept # -824
Self-Returning Lid (Manual Close)	Recept # -NC
With Microswitch	Recept # -270 ^{3,4}

INLET OPTIONS

INLET OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	Inlet # -262
With 4 Auxiliary/Pilot Contacts	Inlet # -264
With 6 Auxiliary/Pilot Contacts	Inlet # -976
Self-Ejecting Plug Release**	Inlet # -338
Without Lockout Hole	Inlet # -A155
For Microswitch	Inlet # -270 ^{3,4}

Notes:

** For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 239-240 for more information.

² This option includes the Self-Returning Lid.

³ Not UL/CSA listed.

⁴ Not available on 3P+N+G configurations..

! See pages 237-246 for detailed information on these options

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



INSTALLATION ACCESSORIES – SIZE 5

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES	HANDLE WITH NPT	
	PART # POLY	PART # METAL
	3/4"	515P0N07
	1"	515P0N10
	1 1/4"	515P0N12
	1 1/2"	515P0N15
	2"	515P0N20
	2"	515P0N20

For available cord grips, see pg 231.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.980-1.260"	715P0EP4
	1.260-1.560"	715P0FP1
	1.520-1.860"	715P0GP2

METAL HANDLE WITH 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
		795P0GS1

*May require stripping of cable jacket.

OVERSIZED METAL HANDLE WITH NPT	PART #	
	3/4"	795P0N07
	1"	795P0N10
	1 1/4"	795P0N12
	1 1/2"	795P0N15
	2"	795P0N20
	2 1/2"	795P0N25

For available cord grips, see pg 231.

SANTOPRENE HANDLE	CABLE RANGE	PART #
	.708-.984"	555P0D25
	.984-1.377"	555P0D35
	1.377-1.771"	555P0D45
	1.771-1.929"	555P0D49

ANGLES	POLY ANGLE	
	ANGLE	PART #
	30°	515M3
	30°	515M3

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

BOXES	POLY ANGLE WITH METAL BOX WITH NPT			PART #	* Interior volume with receptacle installed.
	ANGLE	DEPTH	VOLUME		
	30°	1 1/4"	108.7 in ³	715C3N12	
	30°	1 1/2"		715C3N15	
	30°	2"		715C3N20	
30°	2 1/2"		715C3N25		

METAL ANGLE WITH METAL BOX WITH NPT			
	30°	1 1/4"	795C3N12
	30°	1 1/2"	795C3N15
	30°	2"	795C3N20
	30°	2 1/2"	795C3N25

METAL BOX WITH 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 configurations, contact Customer Service.

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 on inlet part # to retain water ingress protection.

CORD GRIP WITH OPTIONS	
	see pg 231

EASY RETROFIT ADAPTER PLATES		
	see pg 246	Mount to existing boxes.

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