

DSN100

Switch-Rated Plugs and Receptacles



EXCLUSIVE SWITCH-RATED Safety and Performance



- **Ensure User Safety**
Minimize worker access to live parts and arcing. Safely connect and disconnect under full load.
- **Meet Line-of-Sight Disconnect Requirement**
With UL/CSA switch ratings for branch and motor circuit switching, DS and DSN series products are an approved NEC line-of-sight disconnect switch.
- **Simplify NFPA 70E Compliance**
Ensure a safe work environment without the need for cumbersome PPE.
- **Reduce Changeout Downtime**
Safely make and break connections with plug and play simplicity on motors or other equipment connected with MELTRIC Switch-Rated plugs and receptacles.



Ideal For:



Motors



Pumps



Temporary Power

Ratings

• Horsepower Ratings

120 V	1Ø	5 hp
240 V	1Ø	10 hp
208 V	3Ø	20 hp
240 V	3Ø	20 hp
480 V	3Ø	50 hp
600 V	3Ø	50 hp

• Max Amperage and Voltage

100 A, 600 VAC

• Switch Rating (AC Only)

Branch Circuit & Motor Circuit Disconnect Switching

• Short Circuit Rating

100 kA Close & Withstand Tested with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity.

• Environmental Ratings

Type 4X / IP69 / IP69K*, *Also meets IP66/IP67 requirements

• Temperature Range

Min -40°F/Max 140°F

• Wiring Capacity

Min 10 AWG Max 2 AWG; Aux Contacts - Max 14 AWG

• Listings

UL 2682, UL 1682, CSA 182.1

Receptacle (female)



Voltage	Polarity	Part #	
		Poly	Metal
120 V	1P+N+G	63-84165	69-84165
120 208 V	3P+N+G	63-84167	69-84167
125 V	1P+N+G	63-84075	69-84075
125 250 V	2P+N+G	63-84076	69-84076
208 V	2P+G	63-84162	69-84162
208 V	3P+G	63-84163	69-84163
250 V	2P+G	63-84072	69-84072
250 V	3P+G	63-84073	69-84073
277 V	1P+N+G	63-84045	69-84045
277 480 V	3P+N+G	63-84047	69-84047
347 600 V	3P+N+G	63-84147	69-84147
480 V	2P+G	63-84042	69-84042
480 V	3P+G	63-84043	69-84043
600 V	2P+G	63-84142	69-84142
600 V	3P+G	63-84143	69-84143

Receptacle Options

Suffix

With 2 Auxiliary/Pilot Contacts	Recept # -972
With 3 Auxiliary/Pilot Contacts	Recept # -263
With 4 Auxiliary/Pilot Contacts	Recept # -264
Straight Insertion	Recept # -352~
Self-Ejecting Connector Release**	Recept # -354~
Mushroom Pawl	Recept # -375
Padlock Pawl	Recept # -843
Padlockable Mushroom Pawl	Recept # -375-843
Screw-Type Locking Pawl	Recept # -845
Metal Pawl (on Poly Receptacle)	Recept # -824
Closed Lid Configuration	Recept # -NC
With Auxiliary Switch	Recept # -270+

Notes: + Not UL/CSA listed.

++ Required when mating to rigid mounted male inlet.

Inlet (male)



Voltage	Polarity	Part #	
		Poly	Metal
120 V	1P+N+G	63-88165	69-88165
120 208 V	3P+N+G	63-88167	69-88167
125 V	1P+N+G	63-88075	69-88075
125 250 V	2P+N+G	63-88076	69-88076
208 V	2P+G	63-88162	69-88162
208 V	3P+G	63-88163	69-88163
250 V	2P+G	63-88072	69-88072
250 V	3P+G	63-88073	69-88073
277 V	1P+N+G	63-88045	69-88045
277 480 V	3P+N+G	63-88047	69-88047
347 600 V	3P+N+G	63-88147	69-88147
480 V	2P+G	63-88042	69-88042
480 V	3P+G	63-88043	69-88043
600 V	2P+G	63-88142	69-88142
600 V	3P+G	63-88143	69-88143

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts	Inlet # -972
With 3 Auxiliary/Pilot Contacts	Inlet # -263
With 4 Auxiliary/Pilot Contacts	Inlet # -264
Self-Ejecting Plug Release**	Inlet # -338
With No Lockout Hole	Inlet # -A155
For Auxiliary Switch	Inlet # -270+

Notes:

** For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 251-252 for more information.

~ Standard closed lid configuration.