

DSN60 Switch-Rated - 60 A

UL/CSA RATINGS

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

120 V	1Ø	2 hp
240 V	1Ø	3 hp
208 V	3Ø	7.5 hp
240 V	3Ø	7.5 hp
480 V	3Ø	20 hp
600 V	3Ø	20 hp
- Short Circuit Rating**
100 kA Close & Withstand
Testing was performed with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
- Environmental Ratings**
Type 4X/IP69/IP69K*
* Also meets IP66/IP67 requirements.
- Temperature Range**
Min -40°F/Max 140°F
See pg 252 for temperatures outside of this range.
- Wiring Capacity**
Min 14 AWG Max 4 AWG
Aux Contacts - 14 AWG
* Based on THHN wire sizes
- Certifications**
UL 2682, UL 1682, CSA 182.1, NOM

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
120 V	1P+N+G	63-64165	63-68165
120 208 V	3P+N+G	63-64167	63-68167
125 V	1P+N+G	63-64075	63-68075
125 250 V	2P+N+G	63-64076	63-68076
208 V	2P+G	63-64162	63-68162
208 V	3P+G	63-64163	63-68163
250 V	2P+G	63-64072	63-68072
250 V	3P+G	63-64073	63-68073
277 V	1P+N+G	63-64045	63-68045
277 480 V	3P+N+G	63-64047	63-68047
347 600 V	3P+N+G	63-64147	63-68147
480 V	2P+G	63-64042	63-68042
480 V	3P+G	63-64043	63-68043
600 V	2P+G	63-64142	63-68142
600 V	3P+G	63-64143	63-68143

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.

5/16" hole

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
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 Microswitch	Inlet # -270+
Padlock Pawl	Recept # -843		
Padlockable Mushroom Pawl	Recept # -375		
Metal Pawl	Recept # -824		
Closed Lid Configuration	Recept # -NC		
With Microswitch	Recept # -270+		

Notes:

** For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 233-234 for more information.


~ Standard closed lid configuration.

+ Not UL/CSA listed. Not available on 3P+N+G configurations


! See pages 231-238 for detailed information on these options

Order Example: 480 V DSN60 + 2 auxiliary contacts
DSN60 Inlet 3P+G = 63-68043-972

INSTALLATION ACCESSORIES – SIZE 3


HANDLES	HANDLE WITH NPT		PART # POLY	PART # METAL
		1/2"	513P0N05	593P0N05
	3/4"	513P0N07	593P0N07	
	1"	513P0N10	593P0N10	
	1 1/4"	513P0N12	593P0N12	

For available cord grips, see pg 159.


POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.520-.680"	713P0CP5
	.680-.980"	713P0DP4
	.980-1.260"	713P0EP4

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.635-.750"	793P0CS4
	.770-.850"	793P0DS1
	.875-1.000"	793P0DS3
	1.000-1.125"	793P0ES2

POLY HANDLE	CABLE RANGE	PART #
	.390-1.180"	513P0D30





POLY HANDLE WITH BUILT IN DRAW GRIPS	CABLE RANGE	PART #
	.390-1.180"	513P0D30473

Facilitates mating


POLY HANDLE WITH CLAMP & BUSHING	CABLE RANGE	PART #
	.750-.875"	713P0S14
	.875-1.000"	713P0S16
	1.000-1.125"	713P0S18
	1.125-1.250"	713P0S20
	1.250-1.375"	713P0S22

ANGLES	POLY ANGLE	
		30°
	70°	513M7

Panel mounting only.


METAL ANGLE		
	0°	593M0
	30°	593M3
	FS/FD 30°	793M3FS
	70°	593M7

* Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

BOXES	POLY CONDUIT ENTRY WITH NPT		PART #	
		30°	1/2"	513B3N05
		30°	3/4"	513B3N07
		30°	1"	513B3N10

* 13.5 in³


* Interior volume with receptacle installed.


POLY WALL BOX WITH ANGLE		
	70°	513C7000

* 179.41 in³

70° poly boxes are not drilled.


* Interior volume with receptacle installed.


Ground Bar	PART #
	51-AA089

POLY ANGLE WITH METAL BOX WITH NPT			
	70°	1/2"	713C7N05
	70°	3/4"	713C7N07
	70°	1"	713C7N10
	70°	1 1/4"	713C7N12
	70°	1 1/2"	713C7N15

* 177.7 in³

* Interior volume with receptacle installed.

METAL BOX WITH NPT			
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12

POLY ANGLE WITH METAL BOX WITH NPT			
	30°	1/2"	713C3N05
	30°	3/4"	713C3N07
	30°	1"	713C3N10
	30°	1 1/4"	713C3N12


* 29.6 in³

* Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other configurations, contact Customer Service.

FINGER DRAWPLATES		
	61-6A346	Set of Two (2) Recommended for cord to cord assembly applications, for facilitated mating.

PROTECTIVE INLET/PLUG CAP		
	61-6A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP		
	61-6A826	For Inlets/Plugs Only.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP		
	61-6A226	Metal – For Inlets/Plugs Only. In order to achieve max water ingress protection of Type 3R/IP55, spring loaded caps should be ordered with inlets equipped with -A155 suffix.

CORD GRIP WITH OPTIONS	
	see pg 159

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