

# 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/IP66/IP67/IP69/IP69K
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 254 for temperatures outside  
of this range.
- **Wiring Capacity**  
Based on THHN wire sizes  
Min 14 AWG Max 4 AWG  
Aux Contacts - 14 AWG
- **Certifications**  
UL 2682, UL 1682,  
CSA C22.2 NO. 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](http://meltric.com/international-catalog) or contact Customer Service at 800-433-7642.

## MAIN OPTIONS



**Auxiliary/Pilot  
Contacts**



**Mushroom  
Pawl**



**Padlock Pawl**



**Self-Returning  
Lid**

Recommended for cord  
applications to keep lid  
tucked in to avoid damage.

**!** See pages 231-240 for detailed  
information on these options

## 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<sup>2</sup>**

Self-Ejecting Plug Release\*\*

**Inlet # -338**

Self-Ejecting Connector Release\*\*

**Recept # -354<sup>2</sup>**

Without Lockout Hole

**Inlet # -A155**

Mushroom Pawl

**Recept # -375**

For Microswitch

**Inlet # -270<sup>3,4</sup>**

Padlock Pawl

**Recept # -843**

**Notes:**

Padlockable Mushroom Pawl

**Recept # -375**

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

Metal Pawl

**Recept # -824**

<sup>2</sup> This option includes the Self-Returning Lid.

Self-Returning Lid (Manual Close)

**Recept # -NC**

<sup>3</sup> Not UL/CSA listed.

With Microswitch

**Recept # -270<sup>3,4</sup>**

<sup>4</sup> Not available on 3P+N+G configurations



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




# INSTALLATION ACCESSORIES – SIZE 3


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
	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 DRAWPLATES		CABLE RANGE	PART #
		.390-1.180"	513P0D30473

Makes connector closures easier.

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		ANGLE	PART #
	30°		513M3

	70°		513M7
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Panel mounting only.

METAL ANGLE		ANGLE	PART #
	0°		593M0

	30°		593M3
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	FS/FD 30°		793M3FS
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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.

	70°		593M7
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## BOXES

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

\* 13.5 in<sup>3</sup>

\* Interior volume with receptacle installed.

### POLY WALL BOX WITH ANGLE

	70°		513C7000
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\* 179.41 in<sup>3</sup>

70° poly boxes are not drilled.

\* Interior volume with receptacle installed.

	Ground Bar		51-AA089
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### 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 in<sup>3</sup>

\* 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 in<sup>3</sup>

\* Interior volume with receptacle installed.

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

## MISCELLANEOUS ACCESSORIES


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.
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### PADLOCKABLE INLET/PLUG CAP

	61-6A826	For Inlets/Plugs Only.
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### 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.
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### CORD GRIP WITH OPTIONS

	see pg 159
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### RECEPTACLE LOCKING PIN

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