

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 125 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 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)



! Remember 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



**Self-Returning
Lid**

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

RECEPTACLE OPTIONS

SUFFIX

With 2 Auxiliary/Pilot Contacts	Recept # -972
With 3 Auxiliary/Pilot Contacts	Recept # -973
With 4 Auxiliary/Pilot Contacts	Recept # -974
Straight Insertion	Recept # -352²
Self-Ejecting Connector Release**	Recept # -354²
Mushroom Pawl	Recept # -375
Padlock Pawl	Recept # -843
Metal Pawl	Recept # -824
Self-Returning Lid (Manual Close)	Recept # -NC
With Microswitch	Recept # -270^{3,4}

INLET OPTIONS

SUFFIX

With 2 Auxiliary/Pilot Contacts	Inlet # -972
With 3 Auxiliary/Pilot Contacts	Inlet # -973
With 4 Auxiliary/Pilot Contacts	Inlet # -974
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 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 231.

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 in³

* Interior volume with receptacle installed.

POLY WALL BOX WITH ANGLE		ANGLE	PART #
	70°		513C7000

* 179.41 in³

70° poly boxes are not drilled.

* Interior volume with receptacle installed.

	Ground Bar		51AA089
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POLY ANGLE WITH METAL BOX WITH NPT			PART #
	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			PART #
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12

POLY ANGLE WITH METAL BOX WITH NPT			PART #
	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.

MISCELLANEOUS ACCESSORIES

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

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

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

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

CORD GRIP WITH OPTIONS		DESCRIPTION
		see pg 231

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