

DSN60 Switch-Rated Plugs & Receptacles – 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 266 for temps below -15°F.
- **Wiring Capacity**
Min 14 AWG Max 4 AWG
Aux Contacts - Max 14 AWG
- **Certifications**
UL 2682, UL 1682, CSA 182.1

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

Main Options



**Auxiliary/Pilot
Contacts**



**Mushroom
Pawl**



Padlock Pawl



**Closed Lid
Configuration**

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

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 Auxiliary Switch

Inlet # -270

Padlock Pawl

Recept # -843

Notes: + Not UL/CSA listed.

Padlockable Mushroom Pawl

Recept # -375-843

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

Metal Pawl

Recept # -824

~ Standard closed lid configuration.

Closed Lid Configuration

Recept # -NC

With Auxiliary Switch

Recept # -270+



! See pages 243-252 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


Accessories can be used with either poly or metal plugs and receptacles.

HANDLES

HANDLE w/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 page 169. Add -443 for self-ejecting.


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.520 - .680"	713P0CP5
	.680 - .980"	713P0DP4
	.980 - 1.260"	713P0EP4

METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.625 - .750"	793P0CS4
	.750 - .875"	793P0DS1
	.875 - 1.000"	793P0DS3
	1.000 - 1.125"	793P0ES2


POLY HANDLE	Cable Range	Part #
	.39 - 1.18"	513P0D30

POLY HANDLE w/BUILT IN DRAW GRIPS	Cable Range	Part #
	.39 - 1.18"	513P0D30473

Makes connector closures easier.


POLY HANDLE w/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°	513M3

	70°	513M7
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Panel mounting only.

METAL ANGLE		
	0°	593M0

	30°	593M3
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	FS/FD Box 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 w/NPT			Part #
	30°	1/2"	513B3N05
	30°	3/4"	513B3N07
	30°	1"	513B3N10


* 13.5 in³

* Interior volume with receptacle installed.


POLY WALL BOX w/ANGLE			Part #
	70°		513C7000

* 179.41 in³

70° poly boxes are not drilled. Contact Customer Service if factory drilled is required.


	Ground Bar	51AA089
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* Interior volume with receptacle installed.

POLY ANGLE WITH METAL BOX w/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 w/NPT			Part #
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12


POLY ANGLE WITH METAL BOX w/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 NPT configurations, contact Customer Service.


MISCELLANEOUS ACCESSORIES

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

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. -A155 suffix required to maintain water ingress protection.

CORD GRIP with or w/o MESH		
	see pg 169	

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