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

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	
5/16" hole	**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**		
Padlockable Mushroom Pawl	**Recept # -375-843**		
Metal Pawl	**Recept # -824**		
Closed Lid Configuration	**Recept # -NC**		
With Auxiliary Switch	**Recept # -270+**		

Notes: + Not UL/CSA listed.
** 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.

! 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		
	.625 - .750"	**793P0CS4**
	.750 - .875"	**793P0DS1**
	.875 - 1.000"	**793P0DS3**
	1.000 - 1.125"	**793P0ES2**

POLY HANDLE		
	.39 - 1.18"	**513P0D30**

POLY HANDLE w/BUILT IN DRAW GRIPS		
	.39 - 1.18"	**513P0D30473**

Makes connector closures easier.

POLY HANDLE w/CLAMP & BUSHING		
	.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**	Panel mounting only.

METAL ANGLE		
	0°	**593M0**
	30°	**593M3**
	FS/FD Box 30°	**793M3FS**

*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**

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		
	70°	**513C7000**

* 179.41 in³

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

	Ground Bar	**51AA089**

* Interior volume with receptacle installed.

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

POLY ANGLE WITH METAL BOX w/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 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.