

DS60 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	3 hp
240 V	1Ø	5 hp
208 V	3Ø	10 hp
240 V	3Ø	10 hp
480 V	3Ø	25 hp
600 V	3Ø	25 hp
- Short Circuit Rating**
100 kA Close & Withstand
Tested with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity.
- Environmental Ratings**
Type 4X/IP69/IP69K
- Temperature Range**
Min -40°F/Max 140°F
See pg 266 for temps below -15°F.
- Wiring Capacity**
Min 10 AWG Max 2 AWG
Aux Contacts - Max 14 AWG
Based on THHN wire sizes.
- 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 #		Part #	
		Poly	Metal	Poly	Metal
120 V	1P+N+G	33-64165	37-64165	33-68165	37-68165
120 208 V	3P+N+G	33-64167	37-64167	33-68167	37-68167
125 V	1P+N+G	33-64075	37-64075	33-68075	37-68075
125 250 V	2P+N+G	33-64076	37-64076	33-68076	37-68076
208 V	2P+G	33-64162	37-64162	33-68162	37-68162
208 V	3P+G	33-64163	37-64163	33-68163	37-68163
250 V	2P+G	33-64072	37-64072	33-68072	37-68072
250 V	3P+G	33-64073	37-64073	33-68073	37-68073
277 V	1P+N+G	33-64045	37-64045	33-68045	37-68045
277 480 V	3P+N+G	33-64047	37-64047	33-68047	37-68047
347 600 V	3P+N+G	33-64147	37-64147	33-68147	37-68147
480 V	2P+G	33-64042	37-64042	33-68042	37-68042
480 V	3P+G	33-64043	37-64043	33-68043	37-68043
600 V	2P+G	33-64142	37-64142	33-68142	37-68142
600 V	3P+G	33-64143	37-64143	33-68143	37-68143

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.

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 # -263

With 3 Auxiliary/Pilot Contacts

Inlet # -263

With 4 Auxiliary/Pilot Contacts

Recept # -264

With 4 Auxiliary/Pilot Contacts

Inlet # -264

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

Screw-Type Locking Pawl

Recept # -845

Metal Pawl (on Poly Receptacle)

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 DS60 + 2 auxiliary contacts

DS60 Poly inlet 3P+G = 33-68043-972




INSTALLATION ACCESSORIES – SIZE 4







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

HANDLES


HANDLE w/NPT	Part # Poly	Part # Metal
 1/2"	514P0N05	594P0N05
 3/4"	514P0N07	594P0N07
 1"	514P0N10	594P0N10
 1 1/4"	514P0N12	594P0N12
 1 1/2"	514P0N15	594P0N15


For available cord grips, see page 169. Add -443 for self-ejecting.

POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.680 - .980"	714P0DP4
	.980 - 1.260"	714P0EP4
	1.260 - 1.560"	714P0FP1





METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.750 - .875"	794P0DS1
	.875 - 1.000"	794P0DS3
	1.000 - 1.125"	794P0ES2
	1.250 - 1.375"	794P0FS1
	1.438 - 1.562"	794P0FS2*
	1.562 - 1.688"	794P0FS3*

*May require stripping of cable jacket.



POLY HANDLE	Cable Range	Part #
	.51 - 1.38"	514P0D35






POLY HANDLE w/BUILT IN DRAW GRIPS	Cable Range	Part #
	.51 - 1.38"	514P0D35473

Makes connector closures easier.





POLY HANDLE w/CLAMP & BUSHING	Cable Range	Part #
	1.250 - 1.375"	714P0S22
	1.438 - 1.562"	714P0S25
	1.562 - 1.688"	714P0S27
	1.688 - 1.812"	714P0S29

ANGLES

POLY ANGLE	
 30°	514M3
 70°	514M7 panel mounting only

METAL ANGLE	
 0°	594M0
 30°	594M3
 30°	794M3L
 Oversized 30°	794M3 Mounts on oversize box only. Order with 7T5F0Nxx. See pg 52.
 70°	594M7

BOXES

POLY CONDUIT ENTRY w/NPT		Part #
 30°	1/2"	514B3N05
 30°	3/4"	514B3N07
 30°	1"	514B3N10
 30°	1 1/4"	514B3N12






* 27.7 in³

For poly devices only
* Interior volume with receptacle installed.

POLY WALL BOX w/ANGLE		Part #
 70°		514C7000


* 181.24 in³





70° poly boxes are not drilled. Contact Customer Service if factory drilling is required.
* Interior volume with receptacle installed.

POLY ANGLE WITH METAL BOX w/NPT		Part #
 70°	1/2"	714C7N05
 70°	3/4"	714C7N07
 70°	1"	714C7N10
 70°	1 1/4"	714C7N12
 70°	1 1/2"	714C7N15

* 177.7 in³

* Interior volume with receptacle installed.


METAL BOX w/NPT		Part #
 0°	1"	7T4F0N10
 0°	1 1/4"	7T4F0N12
 0°	1 1/2"	7T4F0N15
 0°	2"	7T4F0N20


POLY ANGLE WITH METAL BOX w/NPT		Part #
 30°	1"	714C3N10
 30°	1 1/4"	714C3N12
 30°	1 1/2"	714C3N15
 30°	2"	714C3N20


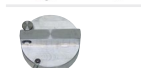
* 61.0 in³ Poly Angle
* 59.4 in³ Metal Angle



For metal angle, replace "71" prefix with "79".
* Interior volume with receptacle installed.


MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	
	31-6A346 Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP	
	31-6A426 For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	
	DS6PC Poly – For Inlets/Plugs Only.
	DS6MC Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	
	31-6A226 For Poly Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.
	39-6A226 For Metal Inlets/Plugs Only.

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