

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**

120V	1Ø	3 hp
240V	1Ø	5 hp
208V	3Ø	10 hp
240V	3Ø	10 hp
480V	3Ø	25 hp
600V	3Ø	25 hp
- **Short Circuit Rating**
100kA Close & Withstand
Tested with RK1 current limiting
fuses sized at 400% of the highest
full load motor ampacity.
- **Environmental Ratings**
Type 3R (Standard)
Type 4X (Optional)
- **Temperature Range**
Min -40°F/Max 140°F
See pg 256 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
120V	1P+N+G	33-64165	37-64165	33-68165	37-68165
120 208V	3P+N+G	33-64167	37-64167	33-68167	37-68167
125V	1P+N+G	33-64075	37-64075	33-68075	37-68075
125 250V	2P+N+G	33-64076	37-64076	33-68076	37-68076
208V	2P+G	33-64162	37-64162	33-68162	37-68162
208V	3P+G	33-64163	37-64163	33-68163	37-68163
250V	2P+G	33-64072	37-64072	33-68072	37-68072
250V	3P+G	33-64073	37-64073	33-68073	37-68073
277V	1P+N+G	33-64045	37-64045	33-68045	37-68045
277 480V	3P+N+G	33-64047	37-64047	33-68047	37-68047
347 600V	3P+N+G	33-64147	37-64147	33-68147	37-68147
480V	2P+G	33-64042	37-64042	33-68042	37-68042
480V	3P+G	33-64043	37-64043	33-68043	37-68043
600V	2P+G	33-64142	37-64142	33-68142	37-68142
600V	3P+G	33-64143	37-64143	33-68143	37-68143

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
- With 3 Auxiliary/Pilot Contacts
- With 4 Auxiliary/Pilot Contacts
- Type 4X & Closed Lid Configuration
- Straight Insertion
- Self-Ejecting Connector Release
- Mushroom Pawl
- Padlock Pawl
- Padlockable Mushroom Pawl
- Locking Mushroom Pawl
- Metal Pawl (on Poly Receptacle)
- Closed Lid Configuration
- With Auxiliary Switch
- 180° Opening Lid (metal only)

- Recept # - 972**
- Recept # - 263**
- Recept # - 264**
- Recept # - 4X**
- Recept # - 352**
- Recept # - 354**
- Recept # - 375**
- Recept # - 843**
- Recept # - 375-843**
- Recept # - 845**
- Recept # - 824**
- Recept # - NC**
- Recept # - 270+**
- Recept # - 180++**

- With 2 Auxiliary/Pilot Contacts
- With 3 Auxiliary/Pilot Contacts
- With 4 Auxiliary/Pilot Contacts
- Type 4X Watertightness
- Self-Ejecting Plug Release
- With No Lockout Hole
- For Auxiliary Switch

- Inlet # - 972**
- Inlet # - 263**
- Inlet # - 264**
- Inlet # - 4X**
- Inlet # - 338**
- Inlet # - A155**
- Inlet # - NNF***

Notes: * Order inlet with P+N+G configuration and receptacle with P+G configuration.

! See pages 233-242 for detailed information on these options

Notes: + Not UL/CSA listed.
++ Required when mating to rigid mounted male inlet.

Order Example: 480V DS60 + 2 auxiliary contacts
DS60 Poly inlet 3P+G = 33-68043-972

INSTALLATION ACCESSORIES – SIZE 4

Unless indicated otherwise, 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 metal devices only

For available cord grips, see page 165.

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		
 For metal devices only	.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.	

*May require stripping of cable jacket.

POLY HANDLE		
	.51 - 1.38"	514P0D35

POLY HANDLE w/BUILT IN DRAW GRIPS		
	.51 - 1.38"	514P0D35473
Makes connector closures easier.		

Makes connector closures easier.

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

ANGLES

POLY ANGLE	Angle	Part # Poly	Part # Metal
 30°	514M3	 70°	514M7

METAL ANGLE		
	0°	594M0
	30°	594M3
	30°	794M3L
	Oversized 30°	794M3
	70°	594M7

Mounts on oversize box only. Order with 7T5FONxx. See pg 50.

Mounts on oversize box only. Order with 7T5F0Nxx. See pg 50.

BOXES

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

For poly devices only

* Interior volume with receptacle installed.

* 27.7 in³

For poly devices only

* Interior volume with receptacle installed.

POLY WALL BOX w/ANGLE			
	70°	514C7000	70° poly boxes are not drilled. Contact customer service if factory drilling is required.
* 181.24 in ³			* Interior volume with receptacle installed.
	Ground Bar	514A088	

* 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			
 * 177.7 in ³	70°	1/2"	714C7N05
	70°	3/4"	714C7N07
	70°	1"	714C7N10
	70°	1 1/4"	714C7N12
	70°	1 1/2"	714C7N15
			* Interior volume with receptacle installed.

* 177.7 in³

* Interior volume with receptacle installed.

METAL BOX w/NPT



0°	1"	7T4F0N10
0°	1 1/4"	7T4F0N12
0°	1 1/2"	7T4F0N15
0°	2"	7T4F0N20

POLY ANGLE WITH METAL BOX w/NPT				
	30°	1"	714C3N10	For metal angle, replace "71" prefix with "79".
	30°	1 1/4"	714C3N12	
	30°	1 1/2"	714C3N15	
	30°	2"	714C3N20	
	61.0 in³ Poly Angle 59.4 in³ Metal Angle			

* 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.	

-A155 suffix required to maintain water ingress protection.

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