

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 258 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	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
Type 4X & Closed Lid Configuration	Recept # - 4X	Type 4X Watertightness	Inlet # - 4X
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 # - NNF*
Padlock Pawl	Recept # - 843	Notes: * Order inlet with P+N+G configuration and receptacle with P+G configuration.	
Padlockable Mushroom Pawl	Recept # - 375-843		
Screw-Type Locking Pawl	Recept # - 845		
Metal Pawl (on Poly Receptacle)	Recept # - 824		
With Auxiliary Switch	Recept # - 270+		
180° Opening Lid (metal only)	Recept # - 180++		

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

! See pages 235-244 for detailed information on these options

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 167.


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*

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	Angle	Part #
	30°	514M3
	70°	514M7


METAL ANGLE	Angle	Part #	Notes
	0°	594M0	
	30°	594M3	
	30°	794M3L	
	Oversized 30°	794M3	Mounts on oversize box only. Order with 715F0Nxx. See pg 50.
	70°	594M7	


BOXES

POLY CONDUIT ENTRY w/NPT	Angle	Size	Part #	Notes
	30°	1/2"	514B3N05	For poly devices only * Interior volume with receptacle installed.
	30°	3/4"	514B3N07	
	30°	1"	514B3N10	
	30°	1 1/4"	514B3N12	

POLY WALL BOX w/ANGLE	Angle	Part #	Notes
	70°	514C7000	70° poly boxes are not drilled. Contact customer service if factory drilling is required. * Interior volume with receptacle installed.
	Ground Bar	51AA089	


POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	70°	1/2"	714C7N05	* Interior volume with receptacle installed.
	70°	3/4"	714C7N07	
	70°	1"	714C7N10	
	70°	1 1/4"	714C7N12	
	70°	1 1/2"	714C7N15	

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



POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	30°	1"	714C3N10	For metal angle, replace "71" prefix with "79". * Interior volume with receptacle installed.
	30°	1 1/4"	714C3N12	
	30°	1 1/2"	714C3N15	
	30°	2"	714C3N20	


* 61.0 in³ Poly Angle
* 59.4 in³ Metal Angle

MISCELLANEOUS ACCESSORIES

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

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

PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	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	Part #	Notes
	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	Part #	Notes
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.