

DS60 Switch-Rated - 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*
*Also meets IP66/IP67 requirements.
- Temperature Range**
Min -40°F/Max 140°F
See pg 252 for temperatures outside of this range.
- Wiring Capacity**
Min 10 AWG Max 2 AWG
Aux Contacts - Prewired 14 AWG
* Based on THHN wire sizes.
- Certifications**
UL 2682, UL 1682, CSA 182.1, NOM

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 Microswitch	Inlet # -270+
Padlock Pawl	Recept # -843	Notes:	
Screw-Type Locking Pawl	Recept # -845	+ Not UL/CSA Listed. Not available for 3P+N+G configurations.	
Metal Pawl (on Poly Receptacle)	Recept # -824	** For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 233-234 for more information.	
Closed Lid Configuration	Recept # -NC	~ Standard closed lid configuration.	
With Microswitch	Recept # -270+		

! See pages 231-238 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

HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
 1/2" NPT	514PON05	594PON05
 3/4" NPT	514PON07	594PON07
1" NPT	514PON10	594PON10
1 1/4" NPT	514PON12	594PON12
1 1/2" NPT	514PON15	594PON15

For available cord grips, see pg 159.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.680-.980"	714PDP4
	.980-1.260"	714POEP4
	1.260-1.560"	714POFP1


METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.770-.850"	794PDS1
	.875-1.000"	794PDS3
	1.000-1.125"	794PDES2
	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 #
	.511-1.377"	514POD35






POLY HANDLE WITH BUILT IN DRAW GRIPS	CABLE RANGE	PART #
	.511-1.377"	514POD35473

Makes connector closures easier.


SANTOPRENE HANDLE	CABLE RANGE	PART #
	.551-.787"	554POD20L
	.708-.984"	554POD25L
	.984-1.377"	554POD35L
	1.377-1.771"	554POD45L
	1.771-1.929"	554POD49L



ANGLES


POLY ANGLE	ANGLE	PART # POLY	PART # METAL
	30 DEGREE	514M3	514M7
	70°		panel mounting only


METAL ANGLE	ANGLE	PART #	Notes
	0°	594M0	
	30 DEGREE	594M3	
	30 DEGREE	794M3L	
	30° Oversized	794M3	Mounts on oversize box only. Order with 715F0Nxx. See pg 52.
	70 DEGREE	594M7	


BOXES

POLY CONDUIT ENTRY WITH NPT	ANGLE	SIZE	Part #	Notes
	30 DEGREE	1/2" NPT	514B3N05	For poly devices only * Interior volume with receptacle installed.
	30 DEGREE	3/4" NPT	514B3N07	
	30 DEGREE	1" NPT	514B3N10	
* 27.7 in ³	30 DEGREE	1 1/4" NPT	514B3N12	


POLY WALL BOX WITH ANGLE	ANGLE	Part #	Notes
	70 DEGREE	514C7000	70° poly boxes are not drilled. * Interior volume with receptacle installed.
* 181.24 in ³			
	Ground Bar	51-AA089	

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	Part #	Notes
	70 DEGREE	1/2" NPT	714C7N05	* Interior volume with receptacle installed.
	70 DEGREE	3/4" NPT	714C7N07	
	70 DEGREE	1" NPT	714C7N10	
* 177.7 in ³	70 DEGREE	1 1/4" NPT	714C7N12	
	70 DEGREE	1 1/2" NPT	714C7N15	


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


POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	Part #	Notes
	30 DEGREE	1" NPT	714C3N10	For metal angle, replace "71" prefix with "79". * Interior volume with receptacle installed.
	30 DEGREE	1 1/4" NPT	714C3N12	
	30 DEGREE	1 1/2" NPT	714C3N15	
* 61.0 in ³ Poly Angle * 59.4 in ³ Metal Angle	30 DEGREE	2" NPT	714C3N20	

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 on inlet part # to retain water ingress protection.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	31-6A226	For Poly Inlets/Plugs Only.
	39-6A226	For Metal Inlets/Plugs Only.

In order to achieve max water ingress protection of Type 3R/IP55, spring loaded caps should be ordered with inlets equipped with -A155 suffix.

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