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
  Testing was performed with 250 A RK1 fast-acting Mersen fuses.
- **Environmental Ratings**
  Type 4X/IP66/IP67/IP69/IP69K
- **Temperature Range**
  Min -40°F/Max 140°F
  See pg 260 for temperatures outside of this range.
- **Wiring Capacity**
  Based on THHN wire sizes.
  Min 10 AWG Max 2 AWG
  Aux Contacts: Prewired 14 AWG
- **Certifications**
  UL 2682, UL 1682,
  CSA C22.2 NO. 182.1, NOM

Receptacle (female)



Inlet (male)



! Remember to add installation accessories to your order

North American UL/CSA Configurations

NOTE: Poly devices should not be inter-mated with metal devices

VOLTAGE	POLARITY	PART # POLY	PART # METAL	PART # POLY	PART # 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



Self-Returning Lid
Recommended for cord applications to keep lid tucked in to avoid damage.

! See pages 237-246 for detailed information on these options

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[2]**	Self-Ejecting Plug Release**	**Inlet # -338**
Self-Ejecting Connector Release**	**Recept # -354[2]**	Without Lockout Hole	**Inlet # -A155**
Mushroom Pawl	**Recept # -375**	For Microswitch	**Inlet # -270[3,4]**
Padlock Pawl	**Recept # -843**		
Screw-Type Locking Pawl	**Recept # -845**		
Metal Pawl (on Poly Receptacle)	**Recept # -824**		
Self-Returning Lid (Manual Close)	**Recept # -NC**		
With Microswitch	**Recept # -270[3,4]**		

Notes:

** For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 239-240 for more information.

[2] This option includes the Self-Returning Lid.

[3] Not UL/CSA listed.

[4] Not available on 3P+N+G configurations.

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

Handle Option Guide pgs 243-244

INSTALLATION ACCESSORIES – SIZE 4

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES

HANDLE WITH NPT		PART # POLY	PART # METAL
 Poly / 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 pg 231.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.680-.980"	714P0DP4
	.980-1.260"	714P0EP4
	1.260-1.560"	714P0FP1

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.750-.875"	794P0DS1
	.875-1.000"	794P0DS3
	1.000-1.125"	794P0ES2
	1.125-1.250"	794P0FS0
	1.250-1.375"	794P0FS1
	1.375-1.438"	794P0FS4
	1.438-1.562"	794P0FS2*
	1.562-1.688"	794P0FS3*

*May require stripping of cable jacket.

POLY HANDLE		
	.511-1.377"	514P0D35

POLY HANDLE WITH BUILT IN DRAWPLATES		
	.511-1.377"	514P0D35473

Makes connector closures easier.

SANTOPRENE HANDLE		
	.551-.787"	554P0D20L
	.708-.984"	554P0D25L
	.984-1.377"	554P0D35L
	1.377-1.771"	554P0D45L
	1.771-1.929"	554P0D49L

ANGLES

POLY ANGLE					
	30°	514M3		70°	514M7 Panel mounting only.

METAL ANGLE			
	0°	594M0	
	30°	594M3	
	30°	794M3L	
	30° Oversized	794M3	Mounts on oversize box only. Order with 7T5F0Nxx. See pg 50.
	70°	594M7	

BOXES

POLY CONDUIT ENTRY WITH NPT			PART #	
 * 27.7 in³	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 WITH ANGLE				
 * 181.24 in³	70°		514C7000	70° poly boxes are not drilled. * Interior volume with receptacle installed.
		Ground Bar	51AA089	

POLY ANGLE WITH METAL BOX WITH NPT			
 * 177.7 in³	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.

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

POLY ANGLE WITH METAL BOX WITH NPT			
 * 61.0 in³ Poly Angle * 59.4 in³ Metal Angle	30°	1"	714C3N10
	30°	1 1/4"	714C3N12
	30°	1 1/2"	714C3N15
	30°	2"	714C3N20

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

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		
	61-6A346	Set of Two (2) Recommended for cord to cord assembly applications, for facilitated mating.

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 on inlet part # to retain water ingress protection.

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

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