

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/IP66/IP67/IP69/IP69K
- **Temperature Range**
Min -40°F/Max 140°F
See pg 254 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)



! 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



Self-Returning Lid

Recommended for cord applications to keep lid tucked in to avoid damage.

! See pages 231-240 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 # -352²	Self-Ejecting Plug Release**	Inlet # -338
Self-Ejecting Connector Release**	Recept # -354²	Without Lockout Hole	Inlet # -A155
Mushroom Pawl	Recept # -375	For Microswitch	Inlet # -270^{3,4}
Padlock Pawl	Recept # -843	Notes:	
Screw-Type Locking Pawl	Recept # -845	** For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 233-234 for more information.	
Metal Pawl (on Poly Receptacle)	Recept # -824	² This option includes the Self-Returning Lid.	
Self-Returning Lid (Manual Close)	Recept # -NC	³ Not UL/CSA listed.	
With Microswitch	Recept # -270^{3,4}	⁴ Not available on 3P+N+G configurations.	

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



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
	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 159.

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 #
	.770-.850"	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 #
	.511-1.377"	514P0D35

POLY HANDLE WITH BUILT IN DRAWPLATES	CABLE RANGE	PART #
	.511-1.377"	514P0D35473

Makes connector closures easier.

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

ANGLES

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

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

BOXES

POLY CONDUIT ENTRY WITH NPT	ANGLE	SIZE	PART #
	30°	1/2"	514B3N05
	30°	3/4"	514B3N07
	30°	1"	514B3N10
* 27.7 in ³	30°	1 1/4"	514B3N12

For poly devices only
* Interior volume with receptacle installed.

POLY WALL BOX WITH ANGLE	ANGLE	PART #
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	70°	514C7000
* 181.24 in ³		

70° poly boxes are not drilled.

* Interior volume with receptacle installed.

	Ground Bar	51-AA089
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POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #
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	70°	1/2"	714C7N05
	70°	3/4"	714C7N07
	70°	1"	714C7N10
* 177.7 in ³	70°	1 1/4"	714C7N12
	70°	1 1/2"	714C7N15

* Interior volume with receptacle installed.

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

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #
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	30°	1"	714C3N10
	30°	1 1/4"	714C3N12
	30°	1 1/2"	714C3N15
* 61.0 in ³ Poly Angle	30°	2"	714C3N20

* 59.4 in³ Metal Angle

MISCELLANEOUS ACCESSORIES

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

PROTECTIVE INLET/PLUG CAP	PART #	DESCRIPTION
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	31-6A426	For Inlets/Plugs Only.
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PADLOCKABLE INLET/PLUG CAP	PART #	DESCRIPTION
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	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 #	DESCRIPTION
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	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 #	DESCRIPTION
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	LP-843	Requires Padlockable Pawl option (-843) on receptacle.
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