

DS30 Switch-Rated Plugs & Receptacles – 30 A

UL/CSA Ratings

- **Max Amperage & Voltage**
30 A, 600 VAC
- **Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**

120 V	1Ø	1 1/2 hp
240 V	1Ø	3 hp
208 V	3Ø	5 hp
240 V	3Ø	5 hp
480 V	3Ø	15 hp
600 V	3Ø	15 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 3R (Standard)
Type 4X (Optional)
- **Temperature Range**
Min -40°F/Max 140°F
See pg 266 for temps below -15°F.
- **Wiring Capacity**
Min 14 AWG Max 4 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 # Poly	Part # Poly
120 V	1P+N+G	33-34165	33-38165
120 208 V	3P+N+G	33-34167	33-38167
125 V	1P+N+G	33-34075	33-38075
125 250 V	2P+N+G	33-34076	33-38076
208 V	2P+G	33-34162	33-38162
208 V	3P+G	33-34163	33-38163
250 V	2P+G	33-34072	33-38072
250 V	3P+G	33-34073	33-38073
277 V	1P+N+G	33-34045	33-38045
277 480 V	3P+N+G	33-34047	33-38047
347 600 V	3P+N+G	33-34147	33-38147
480 V	2P+G	33-34042	33-38042
480 V	3P+G	33-34043	33-38043
600 V	2P+G	33-34142	33-38142
600 V	3P+G	33-34143	33-38143

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



5/16" hole 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 # -973	With 3 Auxiliary/Pilot Contacts	Inlet # -973
With 4 Auxiliary/Pilot Contacts	Recept # -974	With 4 Auxiliary/Pilot Contacts	Inlet # -974
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 # -270+
Padlock Pawl	Recept # -843		
Padlockable Mushroom Pawl	Recept # -375-843		
Screw-Type Locking Pawl	Recept # -845		
Metal Pawl (on Poly Receptacle)	Recept # -824		
Closed Lid Configuration	Recept # -NC		
With Auxiliary Switch	Recept # -270+		

Notes: + Not UL/CSA listed.
** For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 251-252 for more information.
~ Standard closed lid configuration.





! See pages 243-252 for detailed information on these options

Order Example: 480 V DS30 + 2 auxiliary contacts
DS30 Poly inlet 3P+G = 33-38043-972


INSTALLATION ACCESSORIES – SIZE 3


Accessories can be used with either poly or metal plugs and receptacles.


HANDLES

HANDLE w/NPT	Part # Poly	Part # Metal
 Poly 1/2"	513P0N05	593P0N05
 Poly 3/4"	513P0N07	593P0N07
 Metal 1"	513P0N10	593P0N10
 Metal 1 1/4"	513P0N12	593P0N12

For available cord grips, see page 169 Add -443 for self-ejecting.


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.520 - .680"	713P0CP5
	.680 - .980"	713P0DP4
	.980 - 1.260"	713P0EP4

METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.625 - .750"	793P0CS4
	.750 - .875"	793P0DS1
	.875 - 1.000"	793P0DS3
	1.000 - 1.125"	793P0ES2


POLY HANDLE	Cable Range	Part #
	.39 - 1.18"	513P0D30

POLY HANDLE w/BUILT IN DRAW GRIPS	Cable Range	Part #
	.39 - 1.18"	513P0D30473


Makes connector closures easier.

POLY HANDLE w/CLAMP & BUSHING	Cable Range	Part #
	.750 - .875"	713P0S14
	.875 - 1.000"	713P0S16
	1.000 - 1.125"	713P0S18
	1.125 - 1.250"	713P0S20
	1.250 - 1.375"	713P0S22


ANGLES

POLY ANGLE	Angle	Part #
	30°	513M3

	70°	513M7	Panel mounting only.
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METAL ANGLE	Angle	Part #
	0°	593M0

	30°	593M3
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	FS/FD Box 30°	793M3FS	* Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.
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	70°	593M7
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BOXES


POLY CONDUIT ENTRY w/NPT	Angle	Size	Part #	Notes
	30°	1/2"	513B3N05	For poly devices only
	30°	3/4"	513B3N07	
* 13.5 in ³	30°	1"	513B3N10	* Interior volume with receptacle installed.

POLY WALL BOX w/ANGLE	Angle	Part #	Notes
	70°	513C7000	70° poly boxes are not drilled. Contact Customer Service if factory drilling is required.

	Ground Bar	51AA089	* Interior volume with receptacle installed.
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POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	70°	1/2"	713C7N05	
	70°	3/4"	713C7N07	
	70°	1"	713C7N10	* Interior volume with receptacle installed.
* 177.7 in ³	70°	1 1/4"	713C7N12	
	70°	1 1/2"	713C7N15	

METAL BOX w/NPT	Angle	Size	Part #
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12


POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	30°	1/2"	713C3N05	
	30°	3/4"	713C3N07	* Interior volume with receptacle installed.
	30°	1"	713C3N10	
* 29.6 in ³	30°	1 1/4"	713C3N12	


NPT on top or bottom (if rotated). For other NPT configurations, contact Customer Service.

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	Part #	Notes
	61-6A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP	Part #	Notes
	31-3A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	DS3PC	For Inlets/Plugs Only.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	31-3A226	For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

EASY RETROFIT ADAPTER PLATES	Part #	Notes
	see pg 166	Mount to existing boxes.

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