

# 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**

120V	1Ø	1 1/2 hp
240V	1Ø	3 hp
208V	3Ø	5 hp
240V	3Ø	5 hp
480V	3Ø	15 hp
600V	3Ø	15 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 256 for temps below -15°F.
- **Wiring Capacity**  
Min 12 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
120V	1P+N+G	33-34165	33-38165
120 208V	3P+N+G	33-34167	33-38167
125V	1P+N+G	33-34075	33-38075
125 250V	2P+N+G	33-34076	33-38076
208V	2P+G	33-34162	33-38162
208V	3P+G	33-34163	33-38163
250V	2P+G	33-34072	33-38072
250V	3P+G	33-34073	33-38073
277V	1P+N+G	33-34045	33-38045
277 480V	3P+N+G	33-34047	33-38047
347 600V	3P+N+G	33-34147	33-38147
480V	2P+G	33-34042	33-38042
480V	3P+G	33-34043	33-38043
600V	2P+G	33-34142	33-38142
600V	3P+G	33-34143	33-38143

## 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	<b>Recept # - 972</b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # - 972</b>
With 3 Auxiliary/Pilot Contacts	<b>Recept # - 973</b>	With 3 Auxiliary/Pilot Contacts	<b>Inlet # - 973</b>
With 4 Auxiliary/Pilot Contacts	<b>Recept # - 974</b>	With 4 Auxiliary/Pilot Contacts	<b>Inlet # - 974</b>
Type 4X & Closed Lid Configuration	<b>Recept # - 4X</b>	Type 4X Watertightness	<b>Inlet # - 4X</b>
Straight Insertion	<b>Recept # - 352</b>	Self-Ejecting Plug Release	<b>Inlet # - 338</b>
Self-Ejecting Connector Release	<b>Recept # - 354</b>	With No Lockout Hole	<b>Inlet # - A155</b>
Mushroom Pawl	<b>Recept # - 375</b>	For Auxiliary Switch	<b>Inlet # - NNF*</b>
Padlock Pawl	<b>Recept # - 843</b>	<b>Notes:</b> * Order inlet with P+N+G configuration and receptacle with P+G configuration.	
Padlockable Mushroom Pawl	<b>Recept # - 375-843</b>		
Locking Mushroom Pawl	<b>Recept # - 845</b>		
Metal Pawl (on Poly Receptacle)	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		
With Auxiliary Switch	<b>Recept # - 270+</b>		

**Notes:** + Not UL/CSA listed.

**Order Example: 480V DS30 + 2 auxiliary contacts**



DS30 Poly inlet 3P+G = 33-38043-972

**!** See pages 233-242 for detailed information on these options


# INSTALLATION ACCESSORIES – SIZE 3


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"	513P0N05	593P0N05
	3/4"	513P0N07	593P0N07
	1"	513P0N10	593P0N10
	1 1/4"	513P0N12	593P0N12

For available cord grips, see page 165.


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		
	30°	513M3

	70°	513M7
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METAL ANGLE		
	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				Part #
	30°	1/2"		513B3N05
	30°	3/4"		513B3N07
	* 13.5 in <sup>3</sup>	30°	1"	


For poly devices only

\* Interior volume with receptacle installed.


POLY WALL BOX w/ANGLE				
	70°			513C7000

\* 179.41 in<sup>3</sup>

70° poly boxes are not drilled. Contact customer service if factory drilling is required.


	Ground Bar			51AA089
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\* Interior volume with receptacle installed.

POLY ANGLE WITH METAL BOX w/NPT					
	70°	1/2"		713C7N05	
	70°	3/4"		713C7N07	
	70°	1"		713C7N10	
	* 177.7 in <sup>3</sup>	70°	1 1/4"		713C7N12
		70°	1 1/2"		713C7N15

\* Interior volume with receptacle installed.


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

POLY ANGLE WITH METAL BOX w/NPT				
	30°	1/2"		713C3N05
	30°	3/4"		713C3N07
	30°	1"		713C3N10
	* 29.6 in <sup>3</sup>	30°	1 1/4"	


\* Interior volume with receptacle installed.


NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

**MISCELLANEOUS ACCESSORIES**

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

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

PADLOCKABLE INLET/PLUG CAP		
	DS3PC	For Inlets/Plugs Only.

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

EASY RETROFIT ADAPTER PLATES		
	see pg 162	Mount to existing boxes.

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