

# 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



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](http://meltric.com/international-catalog) or contact Customer Service at 800-433-7642.

### Main 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 <sup>2</sup>   | Self-Ejecting Plug Release**   | Inlet # -338                |
| Self-Ejecting Connector Release** | Recept # -354 <sup>2</sup>   | Without Lockout Hole   | Inlet # -A155               |
| Mushroom Pawl                     | Recept # -375                | For Microswitch  | Inlet # -270 <sup>3,4</sup> |
| Padlock Pawl                      | Recept # -843                | <b>Notes:</b>  |                             |
| 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                | <sup>2</sup> This option includes the Self-Returning Lid.  |                             |
| Self-Returning Lid (Manual Close) | Recept # -NC                 | <sup>3</sup> Not UL/CSA listed.  |                             |
| With Microswitch                  | Recept # -270 <sup>3,4</sup> | <sup>4</sup> 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 # | ANGLE | PART #                    |
|------------|-------|--------|-------|---------------------------|
|            | 30°   | 514M3  | 70°   | 514M7 panel mounting only |

| METAL ANGLE | ANGLE         | PART # |
|-------------|---------------|--------|
|             | 0°            | 594M0  |
|             | 30°           | 594M3  |
|             | 30°           | 794M3L |
|             | 30° Oversized | 794M3  |
|             | 70°           | 594M7  |

Mounts on oversize box only. Order with 7T5FDNxx. See pg 52.

### BOXES

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

| POLY WALL BOX WITH ANGLE | ANGLE | PART #   |
|--------------------------|-------|----------|
|                          | 70°   | 514C7000 |

| POLY ANGLE WITH METAL BOX WITH NPT | ANGLE | SIZE   | PART #   |
|------------------------------------|-------|--------|----------|
|                                    | 70°   | 1/2"   | 714C7N05 |
|                                    | 70°   | 3/4"   | 714C7N07 |
|                                    | 70°   | 1"     | 714C7N10 |
|                                    | 70°   | 1 1/4" | 714C7N12 |
|                                    | 70°   | 1 1/2" | 714C7N15 |

| METAL BOX WITH NPT | ANGLE | SIZE   | PART #   |
|--------------------|-------|--------|----------|
|                    | 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 #   |
|------------------------------------|-------|--------|----------|
|                                    | 30°   | 1"     | 714C3N10 |
|                                    | 30°   | 1 1/4" | 714C3N12 |
|                                    | 30°   | 1 1/2" | 714C3N15 |
|                                    | 30°   | 2"     | 714C3N20 |

### MISCELLANEOUS ACCESSORIES

| FINGER DRAWPLATES | PART #   | DESCRIPTION   |
|-------------------|----------|---|
|                   | 31-6A346 | Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.            |
|                   | 31-6A426 | For Inlets/Plugs Only.  |
|                   | DS6PC    | Poly - For Inlets/Plugs Only.   |
|                   | DS6MC    | Aluminum - For Inlets/Plugs Only. -A155 suffix required on inlet part # to retain water ingress protection. |
|                   | 31-6A226 | For Poly Inlets/Plugs Only.   |
|                   | 39-6A226 | For Metal Inlets/Plugs Only.  |
|                   | LP-843   | Requires Padlockable Pawl option (-843) on receptacle.  |