

# DR30 Hazardous Location - 30 A

| Ratings                           |  |
|-----------------------------------|--|
| • Max Amperage & Voltage          | 30 A, 600 VAC  |
| • Current Interruption Capability | Not for current interrupting   |
| • Short Circuit Rating            | 100 kA Withstand<br>Testing was performed with RK1 current limiting fuses sized at 100% of the device's ampacity rating. |
| • Environmental Ratings           | Type 4X  |
| • Temperature Range               | Min -40°F/Max 104°F<br>See pg 254 for temperatures outside this range.   |
| • Wiring Capacity                 | Based on THHN wire sizes.<br>Min 14 AWG Max 8 AWG<br>Aux Contacts - Max 14 AWG   |
| • Applicable Standards            | CSA C22.2 No. 182.1-07<br>C22.2 No. 213-M1987  |
| • Hazardous Ratings               | Class I, Division 2, Groups ABCD, T6<br>Class I, Zone 2, IIC   |

! Devices rated for hazardous locations are not returnable.

! Don't forget to add installation accessories to your order

## Receptacle (female)



## Inlet (male)



Hazardous Location DR30 lid is Self-Returning

| VOLTAGE   | POLARITY | PART # POLY      | PART # POLY      |
|-----------|----------|------------------|------------------|
| 120 V     | 1P+N+G   | 35-14235-K16-HAZ | 35-18235-K16-HAZ |
| 120 208 V | 3P+N+G   | 35-14237-K16-HAZ | 35-18237-K16-HAZ |
| 125 V     | 1P+N+G   | 35-14175-K07-HAZ | 35-18175-K07-HAZ |
| 125 250 V | 2P+N+G   | 35-14176-K07-HAZ | 35-18176-K07-HAZ |
| 208 V     | 2P+G     | 35-14232-K16-HAZ | 35-18232-K16-HAZ |
| 208 V     | 3P+G     | 35-14233-K16-HAZ | 35-18233-K16-HAZ |
| 250 V     | 2P+G     | 35-14172-K07-HAZ | 35-18172-K07-HAZ |
| 250 V     | 3P+G     | 35-14173-K07-HAZ | 35-18173-K07-HAZ |
| 277 V     | 1P+N+G   | 35-14245-K04-HAZ | 35-18245-K04-HAZ |
| 277 480 V | 3P+N+G   | 35-14247-K04-HAZ | 35-18247-K04-HAZ |
| 347 600 V | 3P+N+G   | 35-14187-K14-HAZ | 35-18187-K07-HAZ |
| 480 V     | 2P+G     | 35-14242-K04-HAZ | 35-18242-K04-HAZ |
| 480 V     | 3P+G     | 35-14243-K04-HAZ | 35-18243-K04-HAZ |
| 600 V     | 2P+G     | 35-14182-K14-HAZ | 35-18182-K14-HAZ |
| 600 V     | 3P+G     | 35-14183-K14-HAZ | 35-18183-K14-HAZ |

| Part Number Example                              |
|--|
| 480 V DR30 + 2 aux contacts                      |
| DR30 recept 3P+G = 35-14243-K04- <b>972</b> -HAZ |

480 V DR30 with no options

DR30 recept 3P+G = 35-14243-K04-HAZ

| RECEPTACLE OPTIONS              | SUFFIX #      | INLET OPTIONS                   | SUFFIX #      |
|---------------------------------|---------------|---------------------------------|---------------|
| With 2 Auxiliary/Pilot Contacts | Recept # -972 | With 2 Auxiliary/Pilot Contacts | Inlet # -972  |
| Normally Open Lid Configuration | Recept # - NO | Without Lockout Hole            | Inlet # -A155 |

## Feature Spotlight – Screw-Type Locking Pawl

! Listing Requirement  
Users must tighten screw to lock the plug in the mated position



Zone 2/Division 2 DR30 receptacles feature a standard screw-type locking pawl. This required feature allows the user to lock the plug to the receptacle by tightening a screw on the pawl.

For added security, a lockout hole is included on the receptacle that enables the user to insert a 5/16" lock or locking pin to prevent the plug from being disconnected or to lock the receptacle lid closed.

5/16" hole for added security

! See pages 231-240 for detailed information on these options



## INSTALLATION ACCESSORIES – SIZE 2

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



Handle Option Guide  
pgs 237-238

### HANDLES

| HANDLE WITH NPT | PART # POLY | PART # METAL |
|-----------------|-------------|--------------|
| Poly 1/2"       | 552P0N05    | 5K2P0N05     |
| Poly 3/4"       | 552P0N07    | 5K2P0N07     |
| Metal 1"        | 552P0N10    | 5K2P0N10     |
| Metal 1 1/4"    | 552P0N12    | -            |

For available cord grips, see pg 160

### POLY HANDLE WITH CABLE RANGE

|  |            |          |
|--|------------|----------|
|  | .196-.826" | 552P0D21 |
|--|------------|----------|

### BOXES

| POLY ANGLE WITH METAL BOX WITH NPT | PART #   |
|------------------------------------|----------|
| 30° 1/2"                           | 752C3N05 |
| 30° 3/4"                           | 752C3N07 |
| 30° 1"                             | 752C3N10 |
| * 28.7 in <sup>3</sup> 1 1/4"      | 752C3N12 |

\* Interior volume with receptacle installed.

### METAL ANGLE WITH METAL BOX WITH NPT

| METAL ANGLE WITH METAL BOX WITH NPT | PART #   |
|-------------------------------------|----------|
| 30° 1/2"                            | 7K2C3N05 |
| 30° 3/4"                            | 7K2C3N07 |
| 30° 1"                              | 7K2C3N10 |
| * 28.7 in <sup>3</sup> 1 1/4"       | 7K2C3N12 |

\* Interior volume with receptacle installed.

### POLY ANGLE WITH LARGER METAL BOX WITH NPT

| POLY ANGLE WITH LARGER METAL BOX WITH NPT | PART #   |
|---|----------|
| 70° 1/2"                                  | 752C7N05 |
| 70° 3/4"                                  | 752C7N07 |
| 70° 1"                                    | 752C7N10 |
| * 74.6 in <sup>3</sup> 1 1/4"             | 752C7N12 |
| 70° 1 1/2"                                | 752C7N15 |

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

### ANGLES

| POLY ANGLE |     |       |
|------------|-----|-------|
|            | 30° | 552M3 |

| METAL ANGLE |    |       |
|-------------|----|-------|
|             | 0° | 5K2M0 |

| POLY ANGLE |     |       |
|------------|-----|-------|
|            | 30° | 5K2M3 |

### MISCELLANEOUS ACCESSORIES

| FINGER DRAWPLATES         |          |  |
|---------------------------|----------|--|
|                           | 61-3A346 | Set of Two (2)<br>Recommended for all assembly applications, for easier connector closure. |
| PROTECTIVE INLET/PLUG CAP |          |  |
|                           | 31-1A426 | For Inlets/Plugs Only.   |
| RECEPTACLE LOCKING PIN    |          |  |
|                           | LP-843   |  |