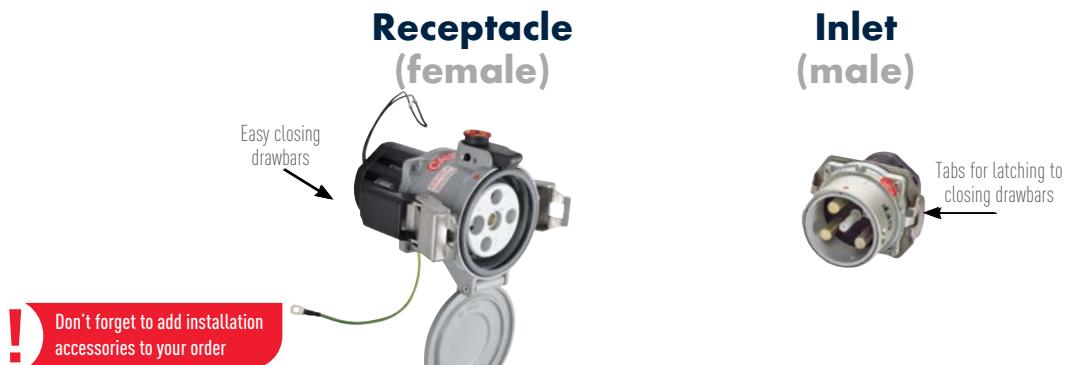


# DR400 Standard Duty - 400 A

| UL/CSA Ratings  |  |
|---|--|
| • <b>Max Amperage &amp; Voltage</b>   | 400 A, 600 VAC   |
| • <b>Current Interruption Capability</b>  | Not for current interrupting   |
| • <b>Short Circuit Rating</b>   | 18 kA  |
|   | A withstand test was performed with RK1 current limiting fuses sized at at least 100% of the device's ampacity rating. |
| • <b>Environmental Ratings</b>  | Type 4X/IP66/IP67/IP69/IP69K   |
| • <b>Temperature Range</b>  | Min -40°F/Max 140°F<br>See pg 254 for temperatures outside of this range.  |
| • <b>Wiring Capacity</b>  | Min 2 AWG Max 350 MCM*<br>Aux Contacts – Prewired 14 AWG   |
| * Wire size to 500 MCM can be accommodated through use of Cable Reducing Adapters. See Accessory Spotlight. |  |
| • <b>Certifications</b>   | UL 1682, CSA C22.2 NO. 182.1, NOM  |



## North American UL/CSA Configurations

| VOLTAGE | POLARITY  | PART # METAL | PART # METAL |
|---------|-----------|--------------|--------------|
| 208 V   | 3P+G+2PIL | 39-44163-172 | 39-48163-172 |
| 250 V   | 3P+G+2PIL | 39-44073-172 | 39-48073-172 |
| 480 V   | 3P+G+2PIL | 39-44043-172 | 39-48043-172 |
| 600 V   | 3P+G+2PIL | 39-44143-172 | 39-48143-172 |

Other voltage configurations are available - contact Customer Service at 800-433-7642

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.

| Key Feature                  |
|------------------------------|
| <b>Standard Locking Pawl</b> |
| 5/16" hole (standard)        |

DR400 receptacles are provided with a screw-type locking pawl that prevents accidental disconnections under load.

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

| RECEPTACLE OPTIONS                | SUFFIX #     | INLET OPTIONS        | SUFFIX #      |
|-----------------------------------|--------------|----------------------|---------------|
| Self-Returning Lid (Manual Close) | Recept # -NC | Without Lockout Hole | Inlet # -A155 |

### Order Example: DR400 with Cable Reducing Adapters

To accommodate 500 MCM cable, cable reducing adapters and an extended angle with spacer accessory is required.

Typical order: 480 V 3P+G+2PIL



# INSTALLATION ACCESSORIES – SIZE 7



Handle Option  
Guide  
pgs 237-238

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

| HANDLES   | LARGE HANDLE WITH NPT |               | PART #     |  | BOXES   | METAL BOX WITH NPT                                     |  | PART #  |  |  |
|---|-----------------------|---------------|------------|--|---|--|--|---|--|--|
|   | 2"                    | 5T7P0N20      | 0°         | 2"                                     |   | 7T7F0N20   | 0°   | 2 1/2"  | 7T7F0N25   |  |
|   | 2 1/2"                | 5T7P0N25      | 0°         | 3"                                     |   | 7T7F0N30   | 0°   | 3 1/2"  | 7T7F0N35   |  |
|   | 3"                    | 5T7P0N30      | 0°         | 4"                                     |   | 7T7F0N40   | 0°   | 4"  | 7T7F0N40   |  |
| LARGE METAL HANDLE WITH CORD GRIP, MESH AND CABLE RANGE |                       | 2.062-2.188"  | 5T7P0JT1   | May require stripping of cable jacket. | PROTECTIVE INLET/PLUG CAP                           |  | 39-2A426   | For Inlet/Plugs Only.   |  |  |
|   |                       | 2.188-2.312"  | 5T7P0JT2   |  | CABLE REDUCING ADAPTERS (ORDER 1 FOR EACH TERMINAL) |  | PT535FX350-3   | Reducer for 500 MCM Fine Stranded or Flexible Wire.           |  |  |
|   |                       | 2.312-2.438"  | 5T7P0JT3*  |  | PT500R350-3   |  | PT500R350-3  | Reducer for 500 MCM Coarse Stranded or Building Wire.         |  |  |
|   |                       | 2.437-2.625"  | 5T7P0KT1   |  | PT400R350-3   |  | PT400R350-3  | Reducer for 400 MCM Wire.                                     |  |  |
|   |                       | 2.625-2.812"  | 5T7P0KT2   |  | INLET COMPATIBILITY KIT                             |  | 39-4A396   |   |  |  |
| STRAIGHT HANDLE   | CABLE RANGE           | PART #        | NPT        | PART #                                 | SPACER  |  | 5K7M0-68   | 68 mm (2.68") spacer is used (included) with metal 60° angle. |  |  |
|   |                       | Bolt-on Clamp | 1.57-1.97" | 5K6P0D50                               | 0°  | 5K6P0N15L  | METAL ANGLE  |   | ANGLE  |  |
|   |                       |               | 2.01-2.36" | 5K6P0D60                               | 2"  | 5K6P0N20L  | 5T7M0  |   |  |  |
|   |                       | NPT           | 2.40-2.76" | 5K6P0D70                               | 2 1/2"  | 5K6P0N25L  | 5T7M6  |   |  |  |
|   |                       |               | 2.79-3.15" | 5K6P0D80                               | 3"  | 5K6P0N30L  |  |   |  |  |
| METAL ANGLE   |                       | 0°            | 5T7M0      | PADLOCKABLE INLET/PLUG CAP             |   | DS2MC  | Aluminum – For Inlets/Plugs Only.<br>-A155 suffix required on inlet part # to retain water ingress protection. |   | RECEPTACLE LOCKING PIN <th data-kind="ghost"></th> |  |
|   |                       | 60° Extended  | 5T7M6      | LP-843                                 |   | Requires Padlockable Pawl option (-843) on receptacle. |  |   |  |  |

## MISCELLANEOUS ACCESSORIES

| ANGLE | METAL ANGLE | 0°           | 5T7M0 | PADLOCKABLE INLET/PLUG CAP | DS2MC | RECEPTACLE LOCKING PIN | LP-843 |
|-------|-------------|--------------|-------|----------------------------|-------|------------------------|--------|
|       |             | 60° Extended | 5T7M6 |                            | DS2MC |                        | LP-843 |

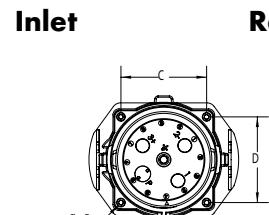
## DIMENSIONS – Provided in Inches

Dimensions are for reference only and may change depending on accessories used. For precise dimensions contact MELTRIC Engineering.

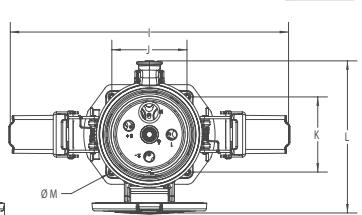
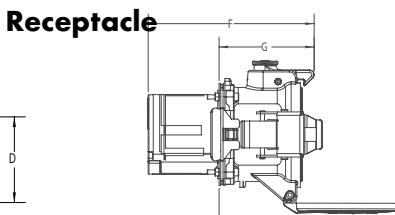
SCAN  
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### Inlet

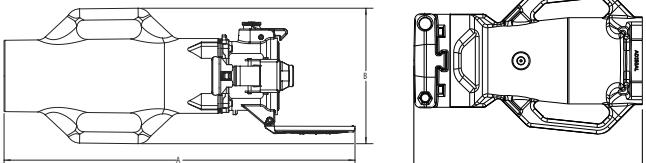


### Receptacle



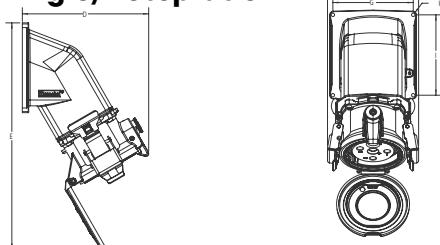
| PRODUCT | A    | B    | C    | D    | ØE   | F    | G    | H    | I     | J    | K    | L    | ØM   |
|---------|------|------|------|------|------|------|------|------|-------|------|------|------|------|
| DR400   | 6.61 | 3.48 | 3.86 | 3.86 | 0.26 | 8.51 | 5.03 | 9.62 | 14.29 | 3.86 | 3.86 | 7.85 | 0.26 |

### Plug



| PRODUCT | A     | B    | C    | D     | E     | F    | G   | H    | I   |
|---------|-------|------|------|-------|-------|------|-----|------|-----|
| DR400   | 24.62 | 9.50 | 13.3 | 10.22 | 18.29 | 7.36 | 6.5 | 0.28 | 6.5 |

### Angle/Receptacle



Visit [meltric.com](http://meltric.com) to view and download detailed DR drawing files.

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