

# DR400 Standard Duty Plugs & Receptacles – 400 A

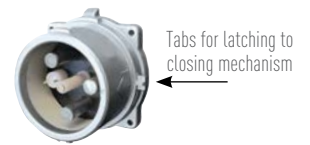
## UL/CSA Ratings

- Max Amperage & Voltage**  
 400 A Max at 480 VAC  
 350 A Max at 600 VAC
- Current Interruption Capability**  
 Not for current interrupting
- Short Circuit Rating**  
 18kA  
 A withstand test was performed with RK1 current limiting fuses sized at at least 100% of the devices ampacity rating.
- Environmental Ratings**  
 IP54/IP55\*  
 \*IP54 when the plug & receptacle are mated. IP55 on the receptacle alone when the lid is latched closed.
- Temperature Range**  
 Min -40°F / Max 140°F  
 See pg 256 for temps below -15°F.
- Wiring Capacity**  
 Min 2 AWG Max 500 MCM\*  
 Aux Contacts – 14 AWG (prewired)  
 \* Wire size to 500 MCM can be accommodated through use of Cable Reducing Adapters. See Accessory Spotlight.
- Certifications**  
 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 # Metal	Part # Metal
208V	3P+G+2PIL	39-44163-172	39-48163-172
250V	3P+G+2PIL	39-44073-172	39-48073-172
480V	3P+G+2PIL	39-44043-172	39-48043-172
600V	3P+G+2PIL	39-44143-172*	39-48143-172*

\* 350 A only for 600V models  
 Other voltage configurations are available - contact customer service at 800-433-7642

## Key Feature

### Standard Locking Pawl



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

Receptacle Options	Suffix #	Inlet Options	Suffix #
IP66/IP67	Recept # - 4X	IP66/IP67	Inlet # - 4X
Closed Lid Configuration	Recept # - NC	With No 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: 480V 3P+G+2PIL




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


# INSTALLATION ACCESSORIES – SIZE 7

**HANDLES**

**LARGE HANDLE w/NPT** Part #


	2"	<b>5T7P0N20</b>
	2 1/2"	<b>5T7P0N25</b>
	3"	<b>5T7P0N30</b>

**LARGE HANDLE w/CORD GRIP w/MESH w/Cable Range**

	2.062 - 2.188"	<b>5T7P0JT1</b>
	2.188 - 2.312"	<b>5T7P0JT2</b>
	2.312 - 2.438"	<b>5T7P0JT3*</b>
	2.437 - 2.625"	<b>5T7P0KT1</b>
	2.625 - 2.812"	<b>5T7P0KT2</b>




\*May require stripping of cable jacket.

**STRAIGHT HANDLE W/BUSHING w/Cable Range**

	2.09 - 2.25"	<b>5T7P0D57</b>
	2.25 - 2.44"	<b>5T7P0D62</b>
	2.44 - 2.67"	<b>5T7P0D68</b>
	2.67 - 2.87"	<b>5T7P0D73</b>


**ANGLES**

**METAL ANGLE**

	0°	<b>5T7M0</b>	
	Extended 60°	<b>5T7M6</b>	
	Extended 60° with 68 mm spacer.	<b>5T7M6-68</b>	Provides space for Cable Reducing Adapters.


**BOXES**

**METAL ANGLE WITH METAL BOX w/NPT** Part #



	0°	2"	<b>7T7F0N20</b>
	0°	2 1/2"	<b>7T7F0N25</b>
	0°	3"	<b>7T7F0N30</b>
	0°	3 1/2"	<b>7T7F0N35</b>
	0°	4"	<b>7T7F0N40</b>

**MISCELLANEOUS ACCESSORIES**



**PROTECTIVE INLET/PLUG CAP**

	<b>39-2A426</b>	For Inlet/Plugs Only.
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**CABLE REDUCING ADAPTERS**

	<b>PT535FX350-3</b>	Reducer for 500 MCM Fine Stranded or Flexible Wire.
	<b>PT500R350-3</b>	Reducer for 500 MCM Coarse Stranded or Building Wire.
	<b>PT400R350-3</b>	Reducer for 400 MCM Wire.

**SPACER**

	<b>5T7M0-68</b>	68mm (2.68") spacer is used (included) with metal 60° angle.
	<b>5T7M0-115</b>	115mm can be used when mounting to a panel - though the metal straight adapter is preferred.

**PADLOCKABLE INLET/PLUG CAP**

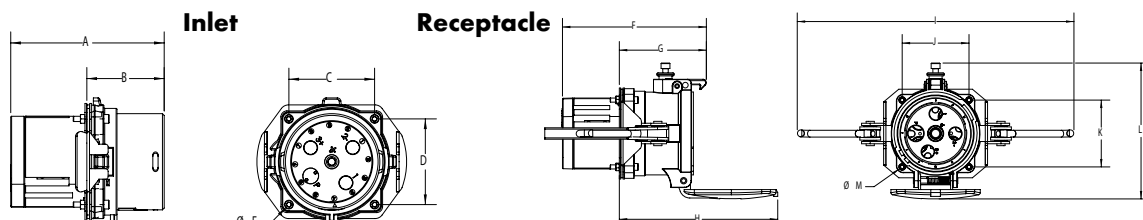
	<b>DS2MC</b>	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.
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**RECEPTACLE LOCKING PIN**

	<b>LP-843</b>	Requires Padlockable Pawl option (-843) on receptacle.
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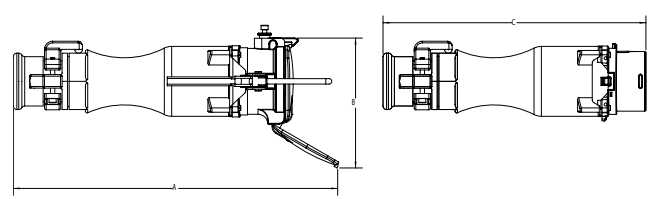
## DIMENSIONS – Provided in inches

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



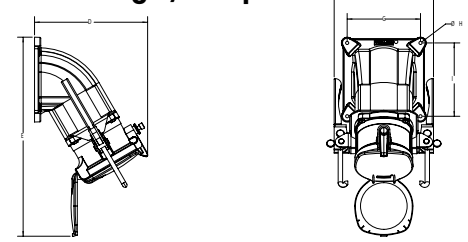
PRODUCT	A	B	C	D	E	F	G	H	I	J	K	L	øM
DR400	6.61	3.48	3.86	3.86	0.26	8.31	5.03	9.15	15.98	3.86	3.86	7.85	0.26

**Plug**



PRODUCT	A	B	C	D
DR400	23.56	9.43	19.10	10.02

**Angle/Receptacle**



PRODUCT	E	F	G	H	I
DR400	17.64	8.80	6.50	6.50	0.28