



# Sensata Technologies

## 9115 SERIES



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## | 9115 SERIES

### 15 TO 30 AMP PRECISION THERMAL CIRCUIT BREAKER

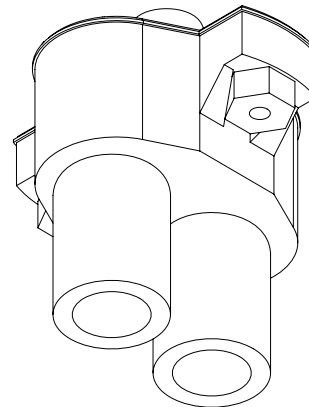
#### Introduction

The 9115 series of circuit breakers was designed for waterproof electrical systems of ordnance vehicles. The 9115 series is recommended for other mobile military and ground equipment, including trucks, tractors, graders, earth movers, fuel units, and amphibious as well as commercial vehicles. In addition to a complete sealed thermal element this series of thermal breakers has molded in terminals and are supplied with rubber connectors (shells).



#### Features

- 30VDC, 15 to 30 Amps
- Sealed assemblies, available in manual and automatic reset options
- Ignition protected SAE J1171 & CCC certified
- 9115-5 meets CID A-A-55571/01 specifications
- 9115-6 meets CID A-A-55571/02 specifications
- UL Recognized E36869

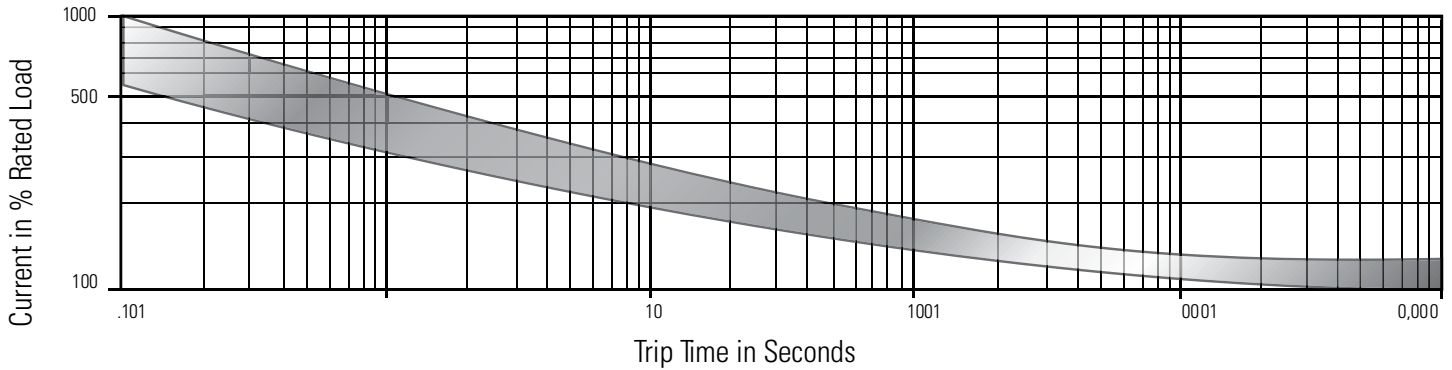


#### SPECIFICATIONS

<b>Calibration : 200% rated current, 77°F (25°C)</b>	8 to 50 seconds
<b>Ultimate Trip At 77°F (25°C)</b>	Must hold 100%, Must trip 138%
<b>Endurance</b>	Per SAE J553: Automatic: 2,000 cycles @ 200% rated current Manual: 500 cycles @ 200% rated current
<b>Interrupt Current Capacity</b>	Per SAE J553, 600A
<b>Vibration</b>	10G MIL-STD-202 Method 204, Condition A
<b>Mechanical Shock</b>	100G MIL-STD-202 Method 213, Condition C
<b>Dielectric Strength</b>	MIL-STD-202 Method 301, 1500VAC min
<b>Insulation Resistance</b>	MIL-STD-202 Method 302, Condition B, 100 MΩ min
<b>Weight</b>	9115-5 : 65 grams max 9115-6 : 76 grams max

# TRIP CURVE

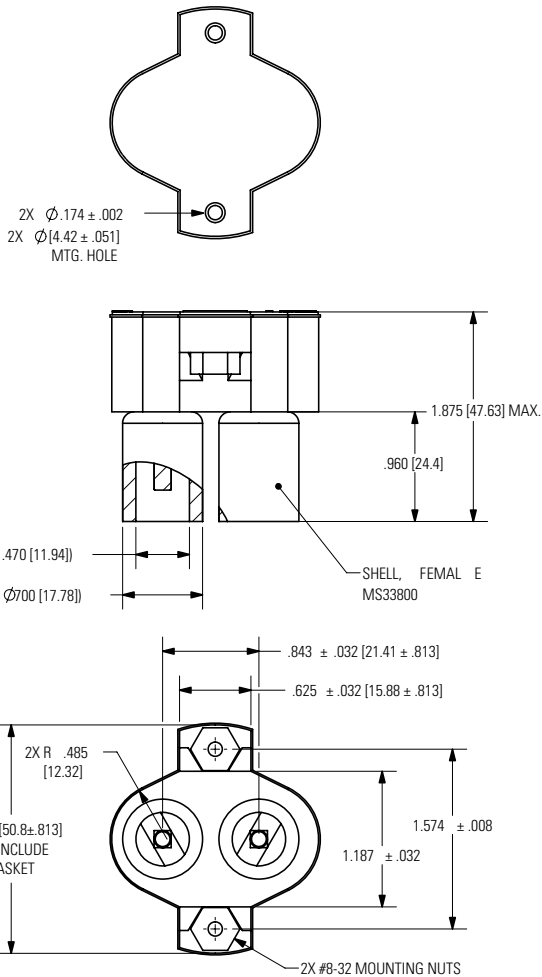
## Approximate Time, Current Characteristics At 77°F (25°C)



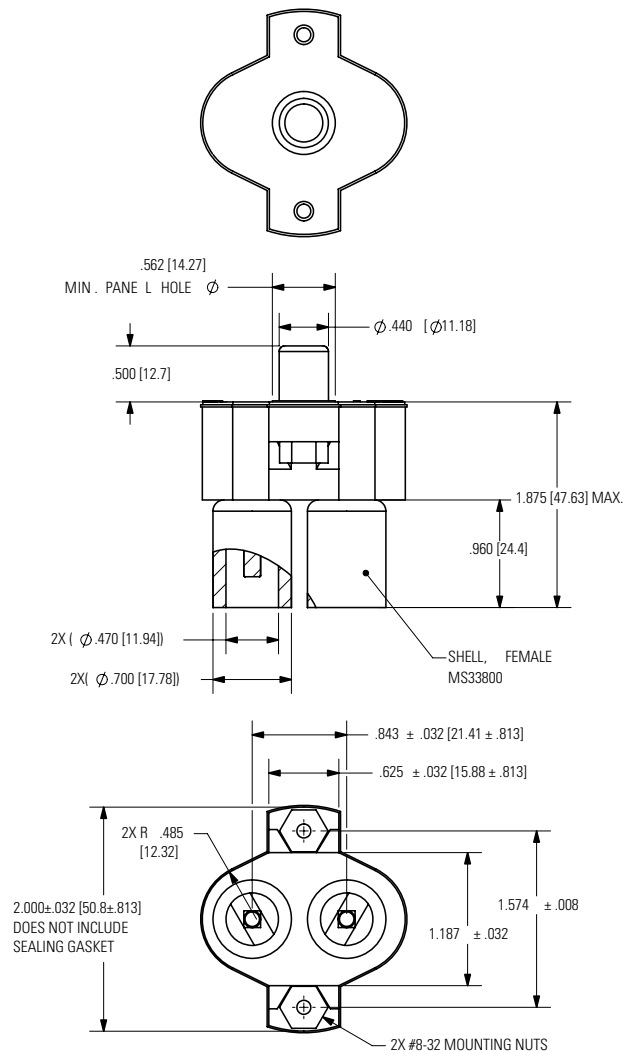
# DIMENSIONS

All dimensions are in inches [mm]

## 9115-5



## 9115-6



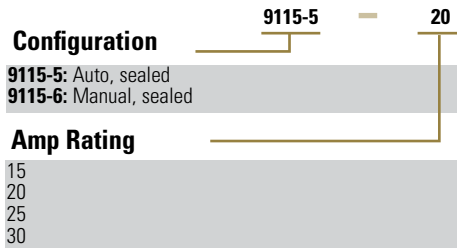
**Notes:**

1. Shell female MS33800 mates with MS27143 or MS27144.



## ORDERING OPTIONS

Example : 9115-5-20



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