




E198027 

## SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Electrical Ratings    | 3.0 - 16A @ 125/250VAC<br>4.0 - 16A @ 125 (UL/CUL)  |
| Dielectric Strength   | 1500Vrms min  |
| Insulation Resistance | > 100MΩ min   |
| Interrupt Capacity    | 125VAC, 1000A; 250VAC, 1000A  |
| Contact Endurance     | 125VAC X 150% of rated current - 500 cycles   |
| Calibration           | 25°C - 105% of rated current - continuously carried<br>25°C - 106% to 134% - may trip or not<br>25°C - 135% of rated current - trip within 1 hour<br>150% of 4A - trip within 1 hour<br>25°C - 200% of rated current - trip within 1 minute |
| Reset                 | Manual reset  |

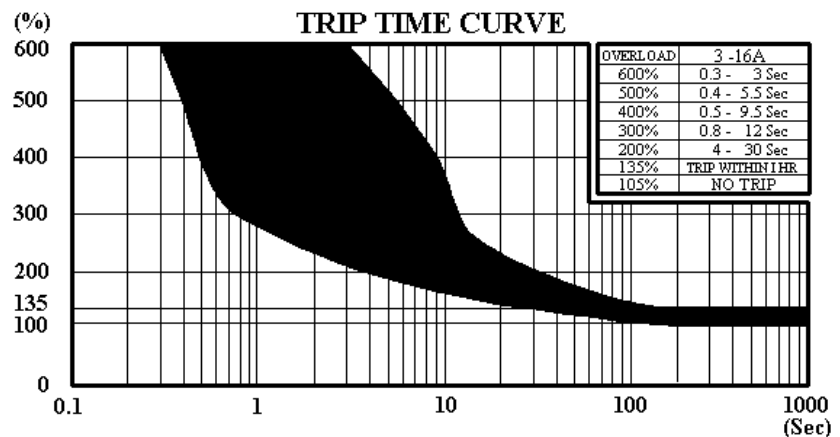
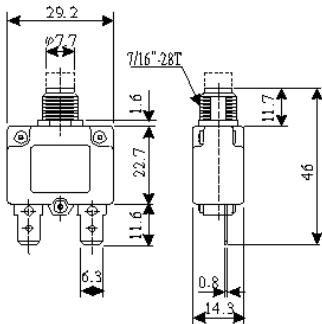
## ORDERING INFORMATION

|                               |  |   |    |   |   |
|-------------------------------|--|---|----|---|---|
| <b>1. Series</b>              | A-0709   | P | 3A | B | C |
| <b>2. Style</b>               | A-0709   |   |    |   |   |
|                               | P = 7/16" -28T bushing, Manual Reset   |   |    |   |   |
| <b>3. Current Rating:</b>     | 3A - 16A   |   |    |   |   |
| <b>4. Reset Button Color:</b> | B = Black (White Printing)<br>W = White (Black Printing)   |   |    |   |   |
| <b>5. Hardware:</b>           | C = 1 Hex Nut, 1 Name Plate<br>D = 1 Knurled Nut, 1 Name Plate<br>E = 1 Hex Nut, 1 Knurled Nut, 1 Name Plate<br>F = 2 Knurled Nuts, 1 Name Plate<br>G = 2 Hex Nuts, 1 Name Plate |   |    |   |   |

| Internal Resistance |         |
|---------------------|---------|
| 3A - 5A             | 0.120 Ω |
| 5.1A - 6A           | 0.100 Ω |
| 6.1A - 7A           | 0.075 Ω |
| 7.1A - 8A           | 0.035 Ω |
| 8.1A - 9A           | 0.020 Ω |
| 9.1A - 12A          | 0.015 Ω |
| 12.1A - 14A         | 0.010 Ω |
| 14.1A - 16A         | 0.008 Ω |

| Derating Factor |               |               |
|-----------------|---------------|---------------|
| TEMP            | 3.0A-4.0A     | 4A-16A        |
| 60°C            | ---           | X 0.50        |
| 55°C            | ---           | X 0.60        |
| 50°C            | ---           | X 0.70        |
| 45°C            | X 0.45        | X 0.75        |
| 40°C            | X 0.55        | X 0.80        |
| 35°C            | X 0.70        | X 0.86        |
| 30°C            | X 0.80        | X 0.92        |
| <b>25°C</b>     | <b>X 1.00</b> | <b>X 1.00</b> |
| 20°C            | X 1.10        | X 1.06        |
| 15°C            | X 1.20        | X 1.09        |
| 10°C            | X 1.35        | X 1.20        |

## DIMENSIONS



## PANEL CUT OUT

