CIRCUIT INTERRUPTION TECHNOLOGY INC.

A-0709

E198027

SPECIFICATIONS

Electrical Ratings	3.0 - 16A @ 125/250VAC 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 25°C – 106% to 134% - may trip or not 25°C – 135% of rated current - trip within 1 hour 150% of 4A – trip within 1 hour 25°C – 200% of rated current - trip within 1 minute
Reset	Manual reset

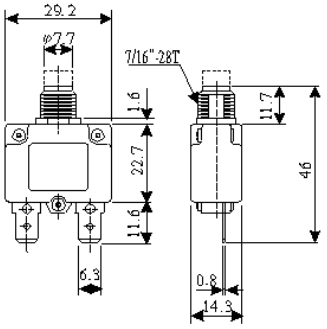
ORDERING INFORMATION

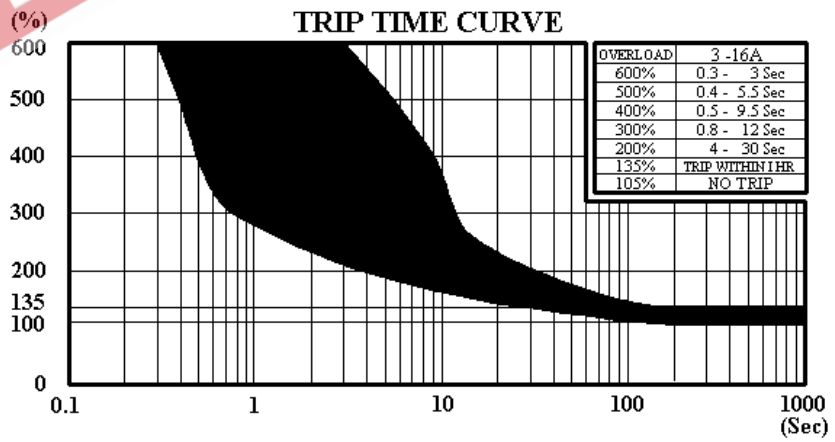
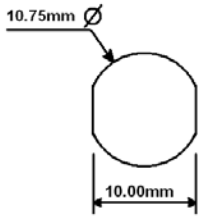
1. Series	A-0709	P	3A	B	C
A-0709					
2. Style					
P = 7/16" –28T bushing, Manual Reset					
3. Current Rating:					
3A – 16A					
4. Reset Button Color:					
B = Black (White Printing)					
W = White (Black Printing)					
5. Hardware:					
C = 1 Hex Nut, 1 Name Plate					
D = 1 Knurled Nut, 1 Name Plate					
E = 1 Hex Nut, 1 Knurled Nut, 1 Name Plate					
F = 2 Knurled Nuts, 1 Name Plate					
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
25°C	**X 1.00**	**X 1.00**
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