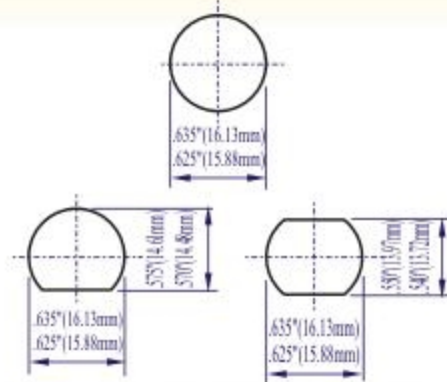


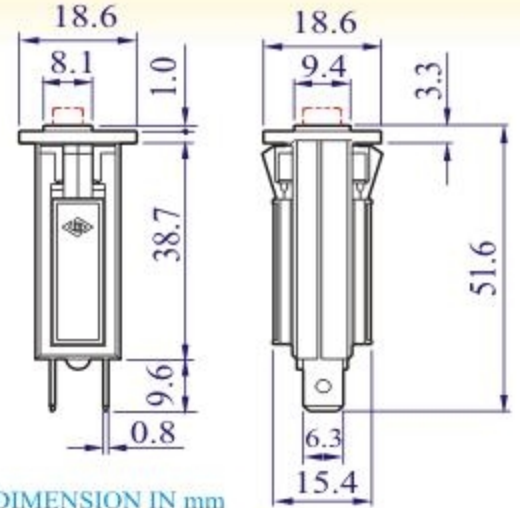


# SERIES A-0710W (8091W)

SANG MAO



RECOMMENDED PANEL CUT-OUT



DIMENSION IN mm

DERATING FACTOR		
TEMP	2A ~ 4A	5A ~ 20A
60°C	--	x 0.58
55°C	--	x 0.65
50°C	--	x 0.72
45°C	--	x 0.77
40°C	x 0.50	x 0.83
35°C	x 0.65	x 0.88
30°C	x 0.80	x 0.93
25°C	x 1.00	x 1.00
20°C	x 1.10	x 1.06
15°C	x 1.20	x 1.11
10°C	x 1.45	x 1.20

(FOR REFERENCE ONLY)

MAX. INTERNAL RESISTANCE	
2.0A- 4.0A	0.120 Ω
5.0A- 6.0A	0.100 Ω
7.0A- 8.0A	0.035 Ω
9.0A-12.0A	0.015 Ω
13.0A-16.0A	0.008 Ω
17.0A-20.0A	0.004 Ω

## SPECIFICATIONS:

- ✿ STANDARD RATING: **2-20 AMPERE.**
- ✿ INPUT POWER: **32 VDC / 125 VAC / 250 VAC**
- ✿ DIELECTRIC STRENGTH : **1500 VAC / 1 MINUTE**
- ✿ INTERRUPT CAPACITY : **125VAC x 1000A, 250VAC x 200A.**
- ✿ RATED CONDITIONAL SHORT-CIRCUIT CURRENT : **IEC-934 "PC.1 1000A" WITH " FUSE 16A gL/gG "**
- ✿ INSULATION RESISTANCE : **> 100 MΩ**
- ✿ CALIBRATION :
  - 25 °C - **105% OF RATED CURRENT - CONTINUOUSLY CARRIED.**
  - 25 °C - **BETWEEN 106% TO 134% - MAY TRIP OR NOT.**
  - 25 °C - **135% OF RATED CURRENT - TRIP WITHIN 1 HOUR.**
  - 150% OF 2 ~ 4A-TRIP WITHIN 1 HOUR.**
  - 25 °C - **200% OF RATED CURRENT - TRIP WITHIN 1 MINUTE**
- ✿ CONTACT ENDURANCE: **125VAC x 150% OF RATED CURRENT - 500 CYCLES.**
- ✿ **IEC - 934 METHOD OF OPERATION : " R " = AUTOMATIC INTERRUPTION AND NON-AUTOMATIC (MANUAL) RESETTING .**
- ✿ **IEC - 934 METHOD OF TRIPPING : " TO " = THERMAL .**
- ✿ DEGREE OF TRIP - FREE BEHAVIOUR : **" CYCLING TRIP - FREE "**
- ✿ RESET: **MANUAL PUSH RESET**

**APPLICATIONS :** **CSA APPROVAL : 10 - 15A 125VAC**  
**VDE APPROVAL : 4 - 10A 250VAC**  
**11 - 16A 125VAC**

## TRIP TIME CURVE

