

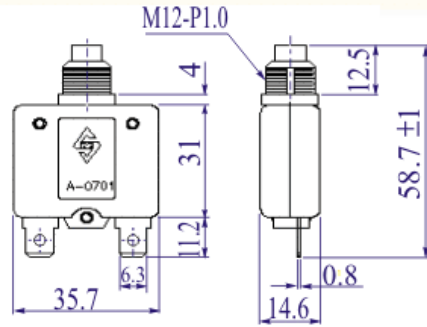


SANG MAO

# SERIES A-0701M (7191M)



DIMENSION IN mm  
(Terminal Dimension will effect 2007)



DERATING FACTOR		
TEMP	6A ~ 60A	2A ~ 5A
60°C	x 0.50	--
55°C	x 0.55	--
50°C	x 0.60	--
45°C	x 0.65	--
40°C	x 0.72	x 0.45
35°C	x 0.80	x 0.55
30°C	x 0.85	x 0.70
25°C	x 1.00	x 1.00
20°C	x 1.10	x 1.20
15°C	x 1.15	x 1.35
10°C	x 1.25	x 1.45

(FOR REFERENCE ONLY)

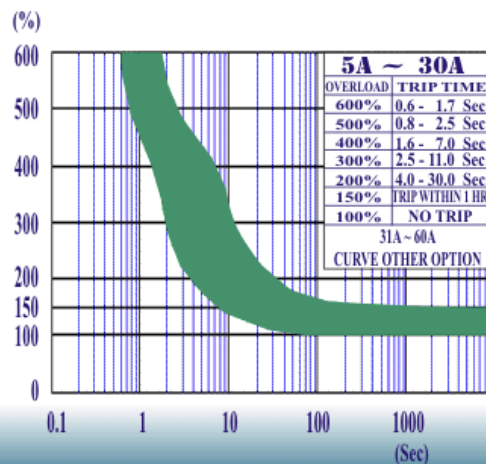
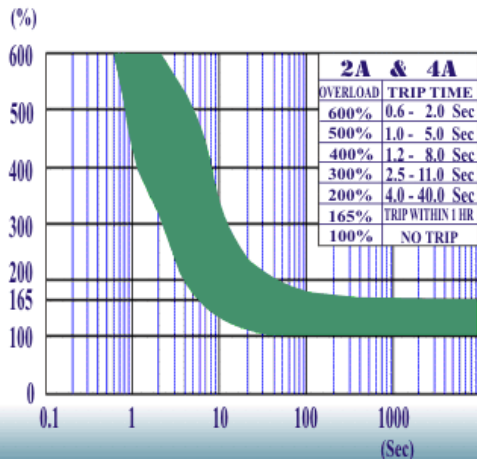
MAX. INTERNAL RESISTANCE	
2.0A- 4.0A	0.100 Ω
5.0A- 6.0A	0.050 Ω
7.0A- 9.0A	0.035 Ω
10.0A-12.0A	0.020 Ω
13.0A-16.0A	0.015 Ω
17.0A-22.0A	0.010 Ω
23.0A-30.0A	0.006 Ω
31.0A-40.0A	0.004 Ω
41.0A-60.0A	0.003 Ω

## SPECIFICATIONS:

- \* STANDARD RATING: **2 - 60 AMPERE.**
- \* INPUT POWER: **50 VDC / 125 VAC / 250 VAC**
- \* DIELECTRIC STRENGTH: **1500 VAC / 1 MINUTE**
- \* RATED CONDITIONAL SHORT-CIRCUIT CURRENT : **IEC-934 "PC. 1 1000A" WITH " FUSE 16 A gL/gG "**.
- \* INSULATION RESISTANCE : **> 100 MΩ**
- \* CALIBRATION:
  - 25°C - **100%** OF RATED CURRENT - CONTINUOUSLY CARRIED.
  - 25°C - BETWEEN **101% TO 145%** - MAY TRIP OR NOT.
  - 25°C - **150%** OF RATED CURRENT - TRIP **WITHIN 1 HOUR.**
  - 165%** 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**

## APPROVALS :

- U L** APPROVAL: **3 - 30A** 125 / 250 VAC
- CSA** APPROVAL: **3 - 30A** 125 VAC , **5 - 30A** 250VAC
- VDE** APPROVAL: **4 - 30A** 250VAC / 50VDC



(FILE=71M80626) NO EXTRA NOTIFICATION FOR PRODUCT SCALE CHANGE