



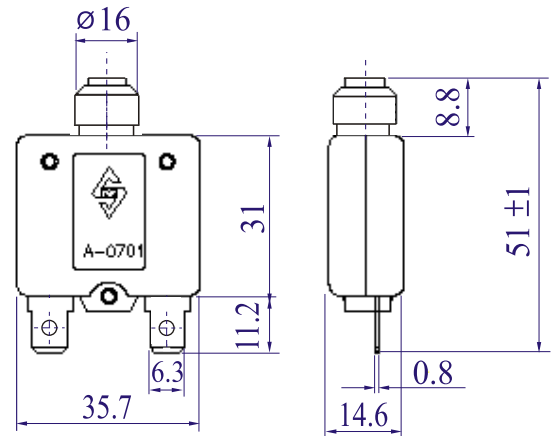
Sang Mao

SERIES A-0701RP

Circuit Breaker | Overload Protector | No-Fuse Breaker



DIMENSION IN mm



DERATING FACTOR		
TEMP	6A ~ 50A	2A ~ 5A
60°C	× 0.50	--
55°C	× 0.55	--
50°C	× 0.60	--
45°C	× 0.65	--
40°C	× 0.72	× 0.45
35°C	× 0.80	× 0.55
30°C	× 0.85	× 0.70
25°C	× 1.00	× 1.00
20°C	× 1.10	× 1.20
15°C	× 1.15	× 1.35
10°C	× 1.25	× 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-50.0A	0.003 Ω

SPECIFICATIONS:

- * STANDARD RATING: **2 - 50 AMPERE.**
- * INPUT POWER: **50 VDC / 125 VAC / 250 VAC**
- * DIELECTRIC STRENGTH: **1500 VAC / 1 MINUTE**
- * RATED CONDITIONAL SHORT-CIRCUIT CURRENT : **IEC-60934 "PC. 1 1000A" WITH " FUSE 16 A gL/gG "**.
- * INSULATION RESISTANCE : **> 100 M Ω**
- * 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 × 150% OF RATED CURRENT - 500 CYCLES.**
- * **IEC - 60934** METHOD OF OPERATION : "**R**" = **AUTOMATIC INTERRUPTION AND NON-AUTOMATIC (MANUAL) RESETTING .**
- * **IEC - 60934** 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 , 60Hz TC2, OL1, SC:C1, 1kA, 125 VAC
- CSA** APPROVAL: **5 - 30A** 250 VAC , 60Hz TC2, OL1, SC:C1, 1kA, 250 VAC
- VDE** APPROVAL: **4 - 30A** 250VAC / 50VDC

