SERIES A-0705N.X

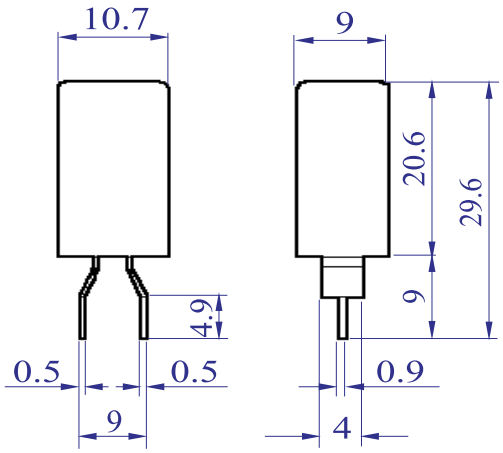
Circuit Breaker | Overload Protector | No-Fuse Breaker

Sang Mao

1.5A-3.9A

4A-9A

10A(A-0705X ONLY)



DIMENSION IN mm

DERATING FACTOR		
TEMP	1.5A ~ 3.9A	4A ~10A
60 ℃	--	--
55 ℃	--	× 0.50
50 ℃	--	× 0.55
45 ℃	--	× 0.65
40 ℃	× 0.50	× 0.78
35 ℃	× 0.65	× 0.84
30 ℃	× 0.80	× 0.90
25 ℃	**× 1.00**	**× 1.00**
20 ℃	× 1.12	× 1.17
15 ℃	× 1.30	× 1.32
10 ℃	× 1.45	× 1.50

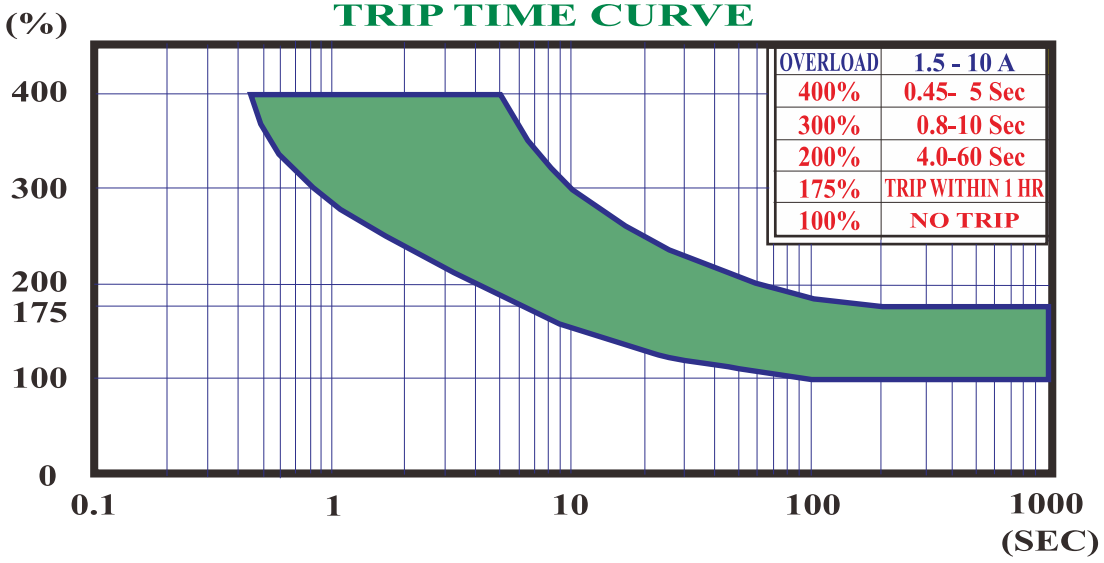
(FOR REFERENCE ONLY)

MAX . INTERNAL RESISTANCE	
1.5A	0.120 Ω
2.0A- 3.0A	0.075 Ω
4.0A- 5.0A	0.050 Ω
6.0A- 8.0A	0.035 Ω
9.0A-10.0A	0.030 Ω

SPECIFICATIONS:

- STANDARD RATING: **1.5-10** AMPERE.
- INPUT POWER: **12** VDC / **125** VAC
- DIELECTRIC STRENGTH: **1500** VAC / 1 MINUTE
- INTERRUPT CAPACITY: **125** VAC × **100** A .
- INSULATION RESISTANCE : **> 100 MΩ**
- CALIBRATION:
  - 25 ℃ - **100%** OF RATED CURRENT - CONTINUOUSLY CARRIED.
  - 25 ℃ - BETWEEN **101% TO 170%** - MAY TRIP OR NOT.
  - 25 ℃ - **175%** OF **2 -10A** - TRIP **WITHIN 1 HOUR**.
  - 25 ℃ - **200%** OF RATED CURRENT - TRIP **WITHIN 1 MINUTE**
- CONTACT ENDURANCE: **125**VAC × **150%** OF RATED CURRENT - **1000** CYCLES.
- METHOD OF OPERATION : **AUTOMATIC INTERRUPTION AND AUTOMATIC RESETTING .**
- **IEC - 934** METHOD OF TRIPPING : " **TO** "= **THERMAL** .
- RESET: AUTO RESET .

APPLICATIONS:

- JUICE MAKER
- AUDIO SPEAKER
- PCB

TRIP TIME CURVE