



DIMENSION IN mm

### DERATING FACTOR

TEMP	2 ~ 4A	5A ~16A
60 °C	--	× 0.58
55 °C	--	× 0.65
50 °C	--	× 0.72
45 °C	--	× 0.77
40 °C	× 0.50	× 0.83
35 °C	× 0.65	× 0.88
30 °C	× 0.80	× 0.93
<b>25 °C</b>	<b>× 1.00</b>	<b>× 1.00</b>
20 °C	× 1.10	× 1.06
15 °C	× 1.20	× 1.11
10 °C	× 1.45	× 1.20

(FOR REFERENCE ONLY)

### MAX . INTERNAL RESISTANCE

2.0A- 4.0A	0.200 Ω
5.0A- 6.0A	0.100 Ω
7.0A- 8.0A	0.035 Ω
9.0A-10.0A	0.020 Ω
11.0A-12.0A	0.015 Ω
13.0A-14.0A	0.010 Ω
15.0A-16.0A	0.008 Ω

### SPECIFICATIONS:

- \* STANDARD RATING: **2-16 AMPERE.**
- \* INPUT POWER: **32 VDC / 125 VAC / 250 VAC**
- \* DIELECTRIC STRENGTH : **1500 VAC / 1 MINUTE**
- \* INTERRUPT CAPACITY : **125VAC × 1000A, 250VAC × 1000A.**
- \* RATED CONDITIONAL SHORT-CIRCUIT CURRENT : **IEC-934 "PC.1 1000A" WITH " FUSE 16A gL / g G "**
- \* 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 2A ~ 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 - 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 :** UL APPROVAL: **2 - 10A 125/250 VAC (BLACK BUTTON)**

**APPLICATIONS :** \* POWER STRIP \* REGULATOR  
\* UPS \* GENERATOR

### TRIP TIME CURVE

