



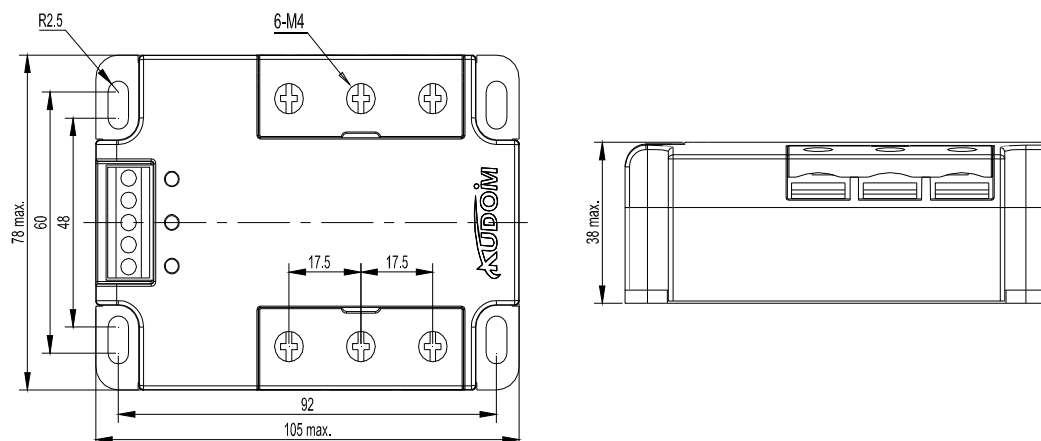
| Output Circuit                                       |            |                   |                   |
|--|------------|-------------------|-------------------|
| Load Voltage Range                                   | 480VAC     | 48-530VAC         |                   |
|  | 600VAC     | 48-660VAC         |                   |
| Transient Overvoltage                                | 480VAC     | 1200Vpk           |                   |
|  | 600VAC     | 1600Vpk           |                   |
| Maximum Turn-On Time                                 | AC         | 40ms              |                   |
|  | DC         | Zero Crossing     | 1/2AC Cycle + 1ms |
|  |            | Random-on         | 1ms               |
| Maximum Turn-Off Time                                | AC Control | 20ms              |                   |
|  | DC Control | 1/2AC Cycle + 1ms |                   |
| Maximum Surge Current<br>(@10ms)                     | 25A        | 250A              |                   |
|  | 40A        | 400A              |                   |
|  | 60A        | 600A              |                   |
|  | 80A        | 800A              |                   |
|  | 100A       | 1000A             |                   |
| Maximum Off-State Leakage Current [ @ Rated Voltage] |            | 5mA               |                   |
| Maximum On-State Voltage Drop [ @ Rated Current]     |            | 1.6Vrms           |                   |

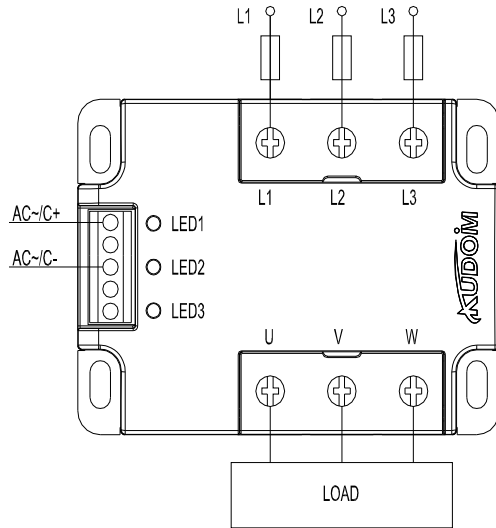
| General Information                 |              |                                   |
|-------------------------------------|--------------|-----------------------------------|
| Dielectric Strength                 | Input/Output | $\geq 4000V_{rms}$                |
|                                     | Output/Base  | $\geq 2500V_{rms}$                |
| Ambient Operating Temperature Range |              | $-30^{\circ}C \sim +80^{\circ}C$  |
| Ambient Storage Temperature Range   |              | $-30^{\circ}C \sim +100^{\circ}C$ |
| Weight (typical)                    |              | 350g                              |

### Application

Three-phase motor control, kiln temperature control system, large oven etc.

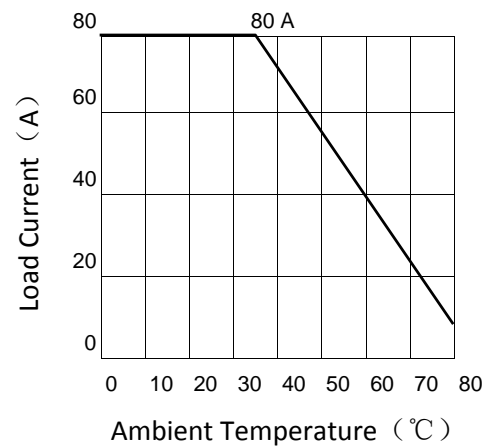
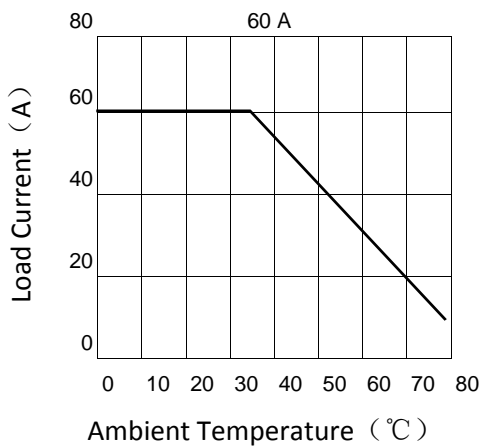
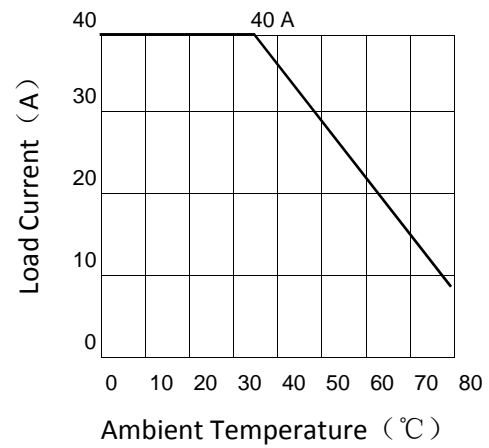
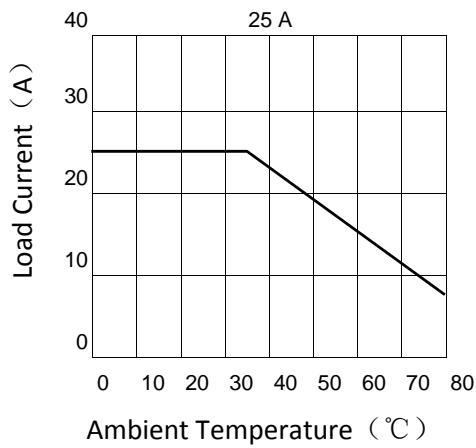
### Installation

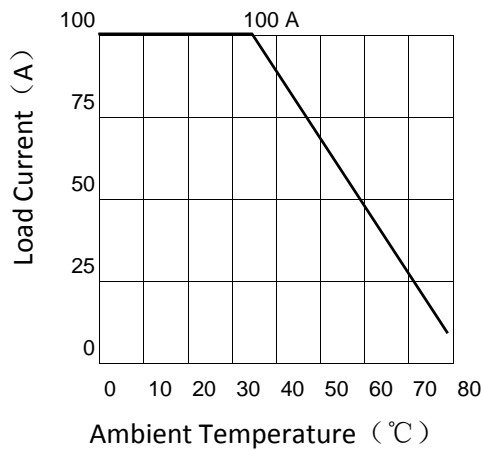




AC~/DC+: AC Control Input/DC Control Anode Input  
 AC~/DC-: AC Control Input/DC Control Cathod Input

### Thermal Curve





### Important Notice

1. If the connection of the load will produce high surge current, please pay attention to the solid state relay is able to withstand surge current value.
2. If the connection of the load will produce high peak reverse voltage, please pay attention to the solid state relay is able to withstand the peak voltage.
3. When the ambient temperature is over 40°C, load current performance will decline.
4. Product side panels can be very hot, please make sure that after its cooling to touch it again.
5. Liquid and foreign body have been banned from entering the product.

### Product Certification

