



- High load voltage - up to 480VAC
- 4 ~ 32VDC or 90~250VAC control voltage
- Three Phase, Zero cross-over switching
- LED control input indicator
- Integrated heatsink with DIN rail mounted
- RoHS Compliant
- UL approved

Output (load)

| | | |
|------------------------|--------------|---|
| Load type | | 3PST-NO (3 N/O) Resistive |
| Load current | | 40A |
| Load switching voltage | AC V_{rms} | 40 - 480V |
| Maximum peak voltage | AC V_{pk} | 900V |
| Minimum load current | | 0.1A |
| Inrush Current (max.) | 10ms | 450A |
| I^2t | | 880A ² s |
| Switch type | | Zero Cross (Consult factory for Random) |
| On voltage drop | V AC | 1.6V |
| Leakage current off | mA | ≤ 10mA |

Input (control)

| | | |
|-------------------------|-----------|---|
| Control voltage (rated) | V | DC Control: 4 - 32VDC / AC Control: 90 - 250VAC |
| Control current | mA | < 20mA |
| Turn-on voltage (min) | V_{min} | DC Control: 3.5VDC / AC Control: 80VAC |
| Turn-on voltage (max) | V_{max} | DC Control: 35VDC / AC Control: 280VAC |
| Turn-off voltage | V | DC Control: 2VDC / AC Control: 40VAC |

Insulation

| | | |
|-----------------------|------|--------------------------|
| Insulation resistance | | ≤ 500MΩ at 500VDC, 50%RH |
| Dielectric strength | V AC | ≥ 2500V |

General Data

| | | |
|--------------------------|-----------|---|
| Operating time (typical) | mS | Approximately 1/2 cycle of load frequency + ≤1ms |
| Release time (typical) | mS | Approximately 1/2 cycle of load frequency + ≤1ms |
| Dimensions | L x W x H | 125 x 110 x 130mm |
| Weight | | approx. 1300g |
| Ambient temperature | storage | -30 to 100°C (No icing or condensation) |
| | operating | -30 to 80°C (with derating). (No icing or condensation) |
| Relative Humidity | | 45 - 85% RH |

Ordering Code

CAG6-3 / 032 F - 38 - 40 Z

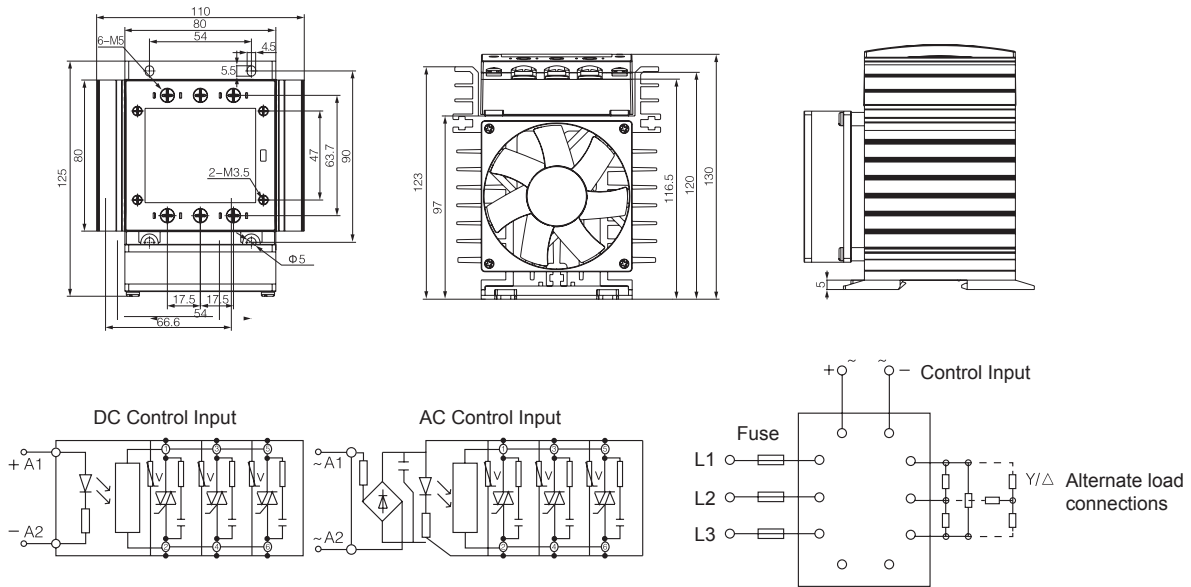
Z - Zero Crossover
R - Random

40 - 40A

38 - 40~440VAC

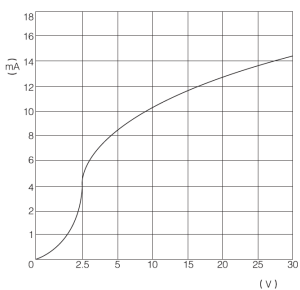
032 - 4~32VDC
250 - 90~250VAC

Dimensions

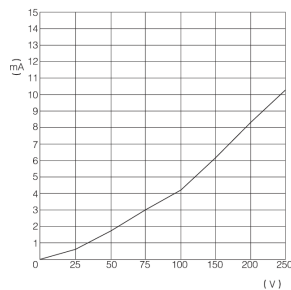


Dimensions in mm

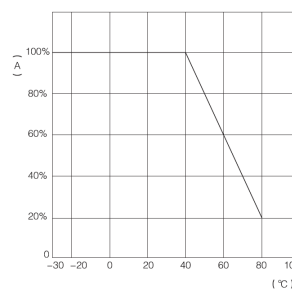
Input Current v. Control Voltage: 4 ~ 32VDC



Input Current v. Control Voltage: 90 ~ 250VAC



Load Current Derating v. Ambient Temperature



Load Output v. Input Control Action (Zero X-over)

