

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

Output (load)

| | | |
|------------------------|---|-----------------------|
| Load type | SPST-NO (1 N/O) Resistive | |
| Load current | 60A, 80A | |
| Load switching voltage | AC V_{rms} | 40 - 480V |
| Maximum peak voltage | AC V_{pk} | 900V |
| Minimum load current | 0.1A | |
| Inrush Current (max.) | 10ms | 60A: 650A / 80A: 900A |
| I^2t | 60A: 2100A ² s / 80A: 4050A 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 | 100 x 110 x 127mm |
| Weight | approx. 940g | |
| 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

CAG6-1 / 032 F - 38 - 60 Z

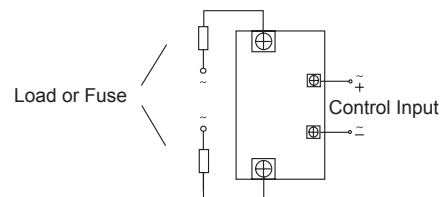
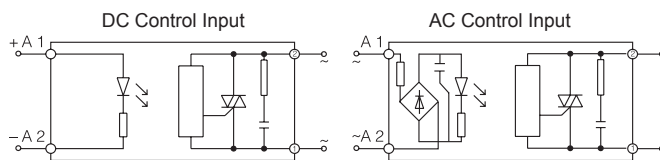
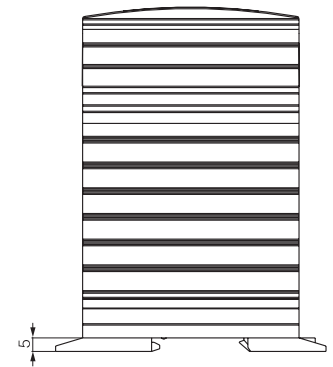
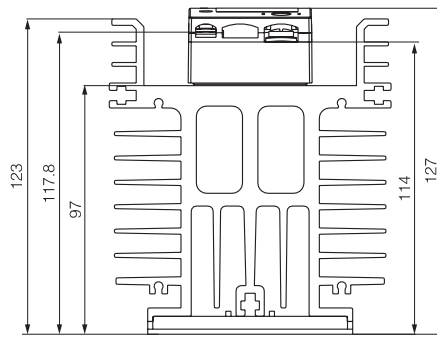
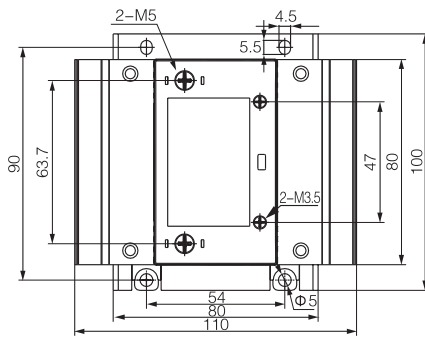
Z - Zero Crossover
R - Random

60 - 60A
80 - 80A

38 - 40~440VAC

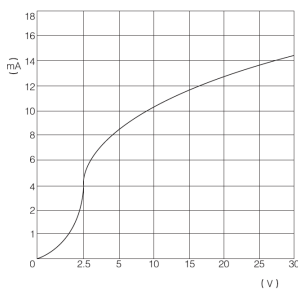
032 - 4~32VDC
250 - 90~250VAC

Dimensions

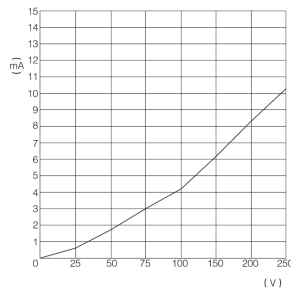


Dimensions in mm

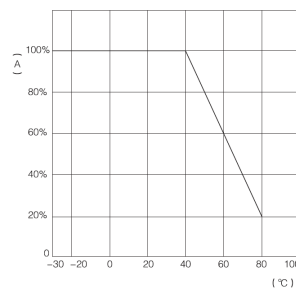
Input Current v. Control Voltage: 4 ~ 32VDC



Input Current v. Control Voltage: 90 ~ 250VAC



Load Current Derating v. Ambient Temperature



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

