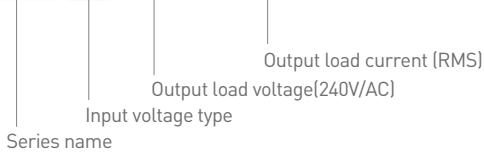


ORDERING INFORMATION

FRD24 □ □



- DC Input(Trigger), AC Output
- AC Load current 16A~40A
- Phase Control



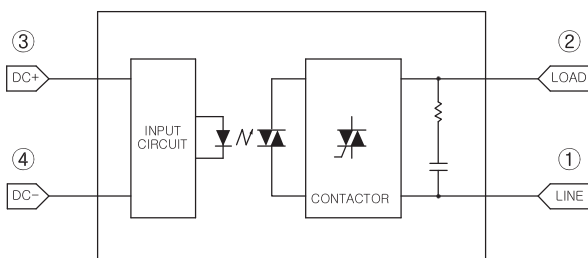
FRD24-SERIES SPECIFICATIONS

| | | FRD2416 | FRD2425 | SRD2440 | UNIT |
|-------|---|---------------|---------|---------|------|
| LOAD | Maximum load current LOAD | 16 | 25 | 40 | ARMS |
| | Load voltage | 85V ~ 240V AC | | | V |
| | Surge on-state current (1/2cycle, 60Hz) | 160 | 250 | 550 | A |
| | Maximum off-state leakage current | 10 Max. | 15 Max | | mA |
| | Maximum on-state voltage drop | 1.5 | 1.6 | 1.8 | V |
| INPUT | Input volage | 4V ~ 32V DC | | | V |
| | Input impedance | 666 | | | Ω |
| | Drop-out voltage | 2.5 | | | V |

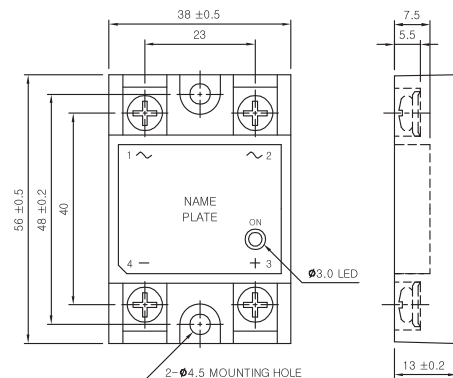
FRD24-SERIES CHARACTERISTICS

| | | FRD2416 | FRD2425 | FRD2440 | UNIT |
|-----------------------------|--|--|---------|---------|------|
| Operate time, max. | | 1msec. Max | | | mS |
| Release time, max. | | 1msec. Max | | | mS |
| Insulation resistance, min. | | DC 500V 100MΩ between input, output and case | | | MΩ |
| Insulation voltage | | 2,500Vrms between input, output and case | | | V |
| Ambient temperature | | -30°C ~ +80°C | | | °C |
| Storage temperature | | -30°C ~ +80°C | | | °C |
| Operational method | | Phase Control | | | |

SIMPLIFIED CIRCUIT



DIMENSION



* Tolerance : ±1
* Dimensions in mm