

Solid state relay with possible age-damaged varistor => Teledyne 615-6 rated 40A rms (continuous)

Below is thermal overload (surge) rating curve for these relays from <https://www.datasheets360.com/pdf/-4920215343284373305>

FIGURE 1 - INPUT CURRENT VS. VOLTAGE (TYPICAL)

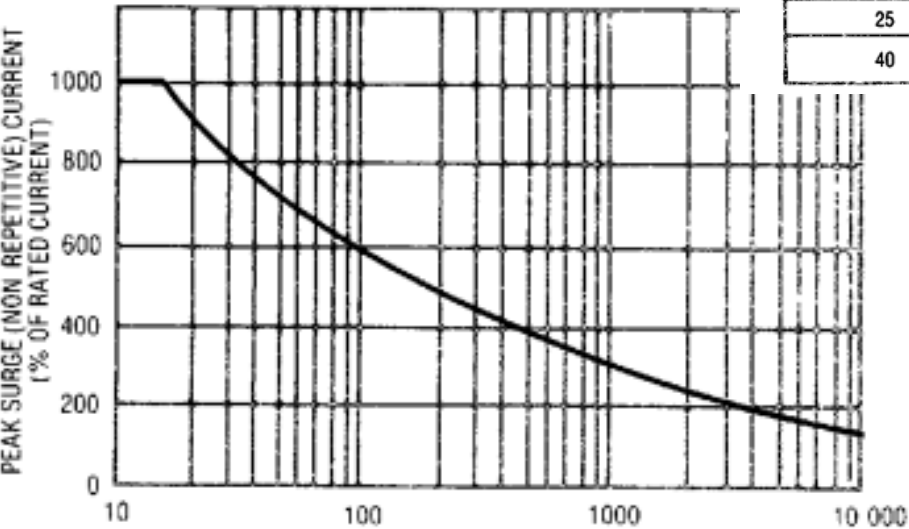


FIGURE 3 - SURGE CURRENT DURATION (See Note 3)

PART NUMBERING

| LOAD CURRENT (A) | 615 SERIES       |                  |                    |
|------------------|------------------|------------------|--------------------|
|                  | CONTINUOUS (RMS) | TRANSIENT (PEAK) |                    |
| 10               | 140              | 200              | 615-1 615-2 615-2H |
| 25               | 250              | 400              | 615-3 615-4 615-4H |
| 40               | 250              | 600              | 615-5 615-6 615-6H |

