



2 : Output Specification

|  |     |     |     |     |      |      |
|--|-----|-----|-----|-----|------|------|
|  |     |     |     |     |      |      |
|  | 50  | 50  | 50  | 50  | 50   | 50   |
|  |     |     |     |     |      |      |
|  | 800 | 800 | 800 | 800 | 1200 | 1200 |
|  |     |     |     |     |      |      |
|  | 1.5 | 1.5 | 1.5 | 1.5 | 1.5  | 1.5  |
|  |     |     |     |     |      |      |
|  | 100 | 150 | 100 | 150 | 100  | 150  |
|  |     |     |     |     |      |      |
|  | 0.8 | 0.9 | 0.8 | 0.9 | 0.8  | 0.9  |
|  |     |     |     |     |      |      |
|  | 1   | 1   | 1   | 1   | 1    | 1    |

3 : General Specification

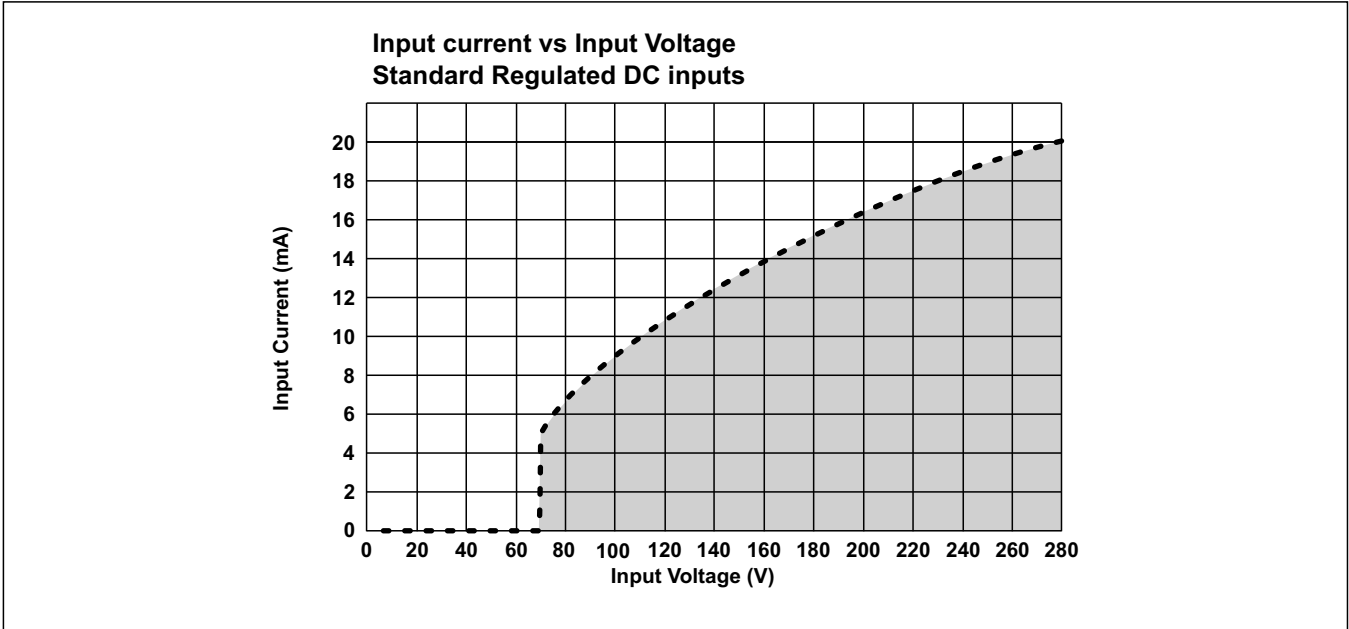
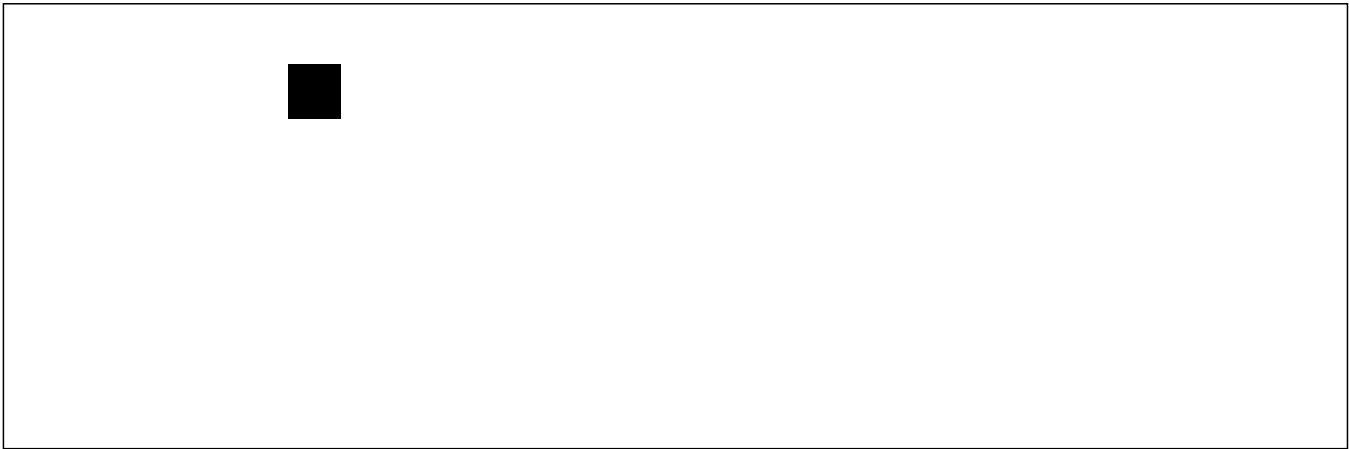
|                               |                    |           |           |           |           |
|-------------------------------|--------------------|-----------|-----------|-----------|-----------|
|                               |                    |           |           |           |           |
|                               | 2500 Vrms          | 4000 Vrms | 2500 Vrms | 4000 Vrms | 2500 Vrms |
|                               |                    |           |           |           |           |
| Ambient Humidity              | 93% non-condensing |           |           |           |           |
| Heat sink Thermal Resistance: | 1°C/W              |           |           |           |           |

4 : Housing Specification

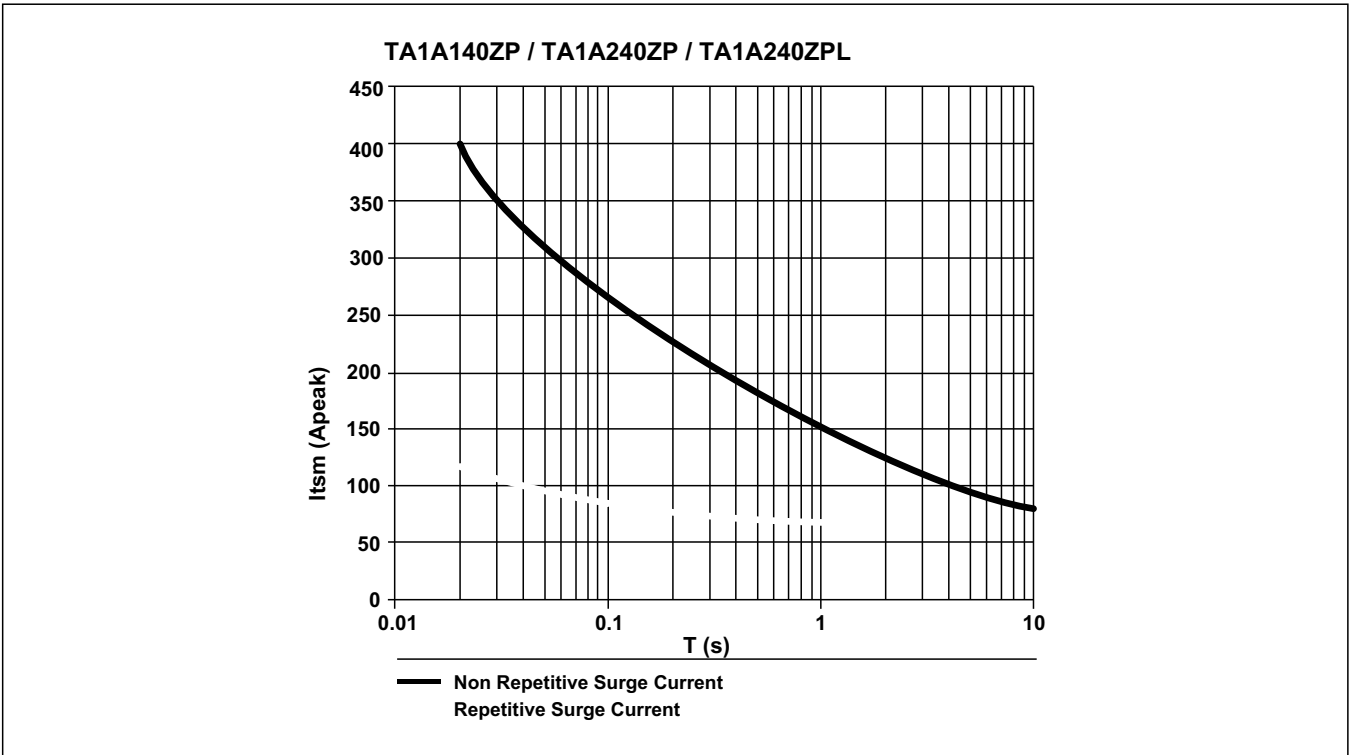
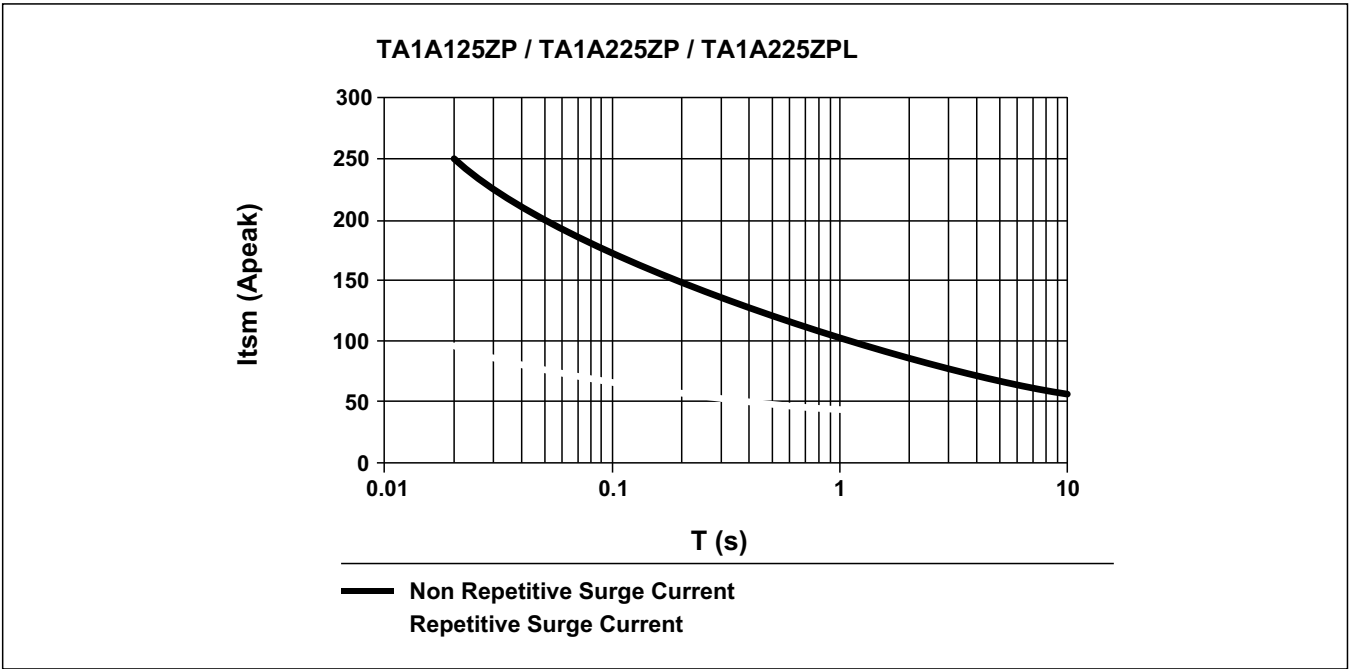
|                            |                        |
|----------------------------|------------------------|
|                            |                        |
| Weight                     | 87.2 g approx          |
| Baseplate                  |                        |
| Material                   | Glass filled polyester |
|                            |                        |
| LED input Status Indicator | Red                    |

5 : Circuit Block Diagram

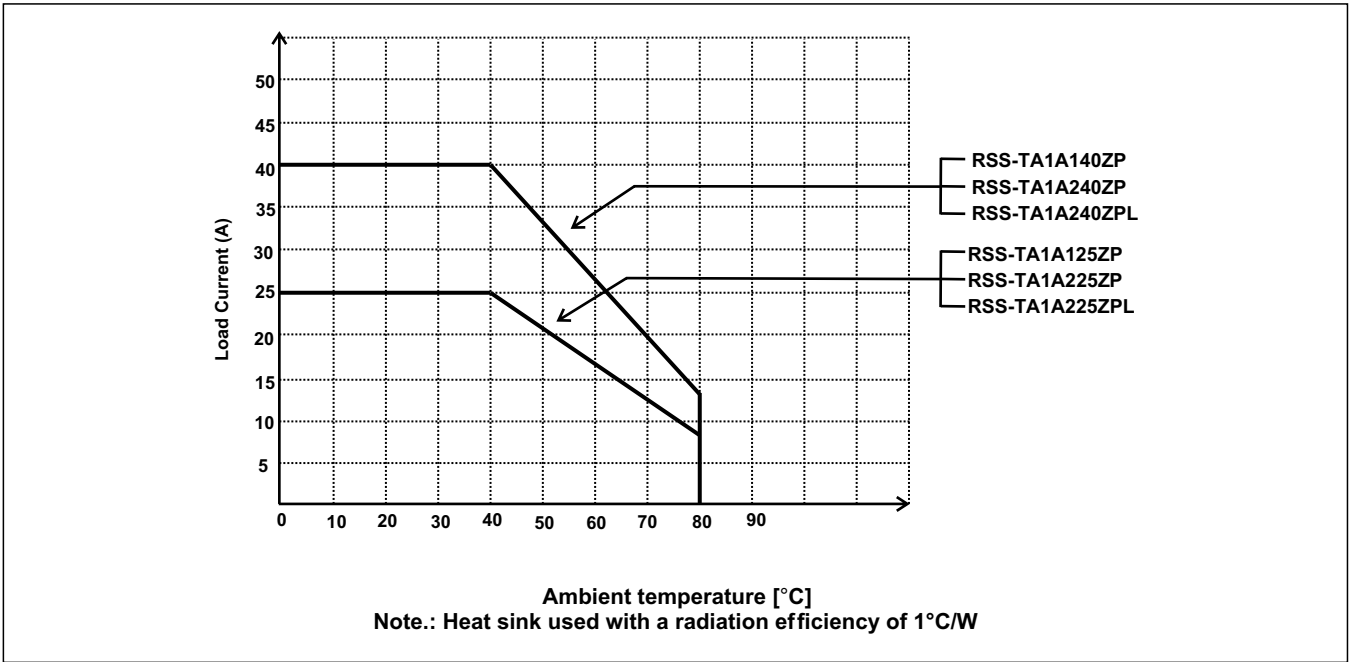
RSS Series



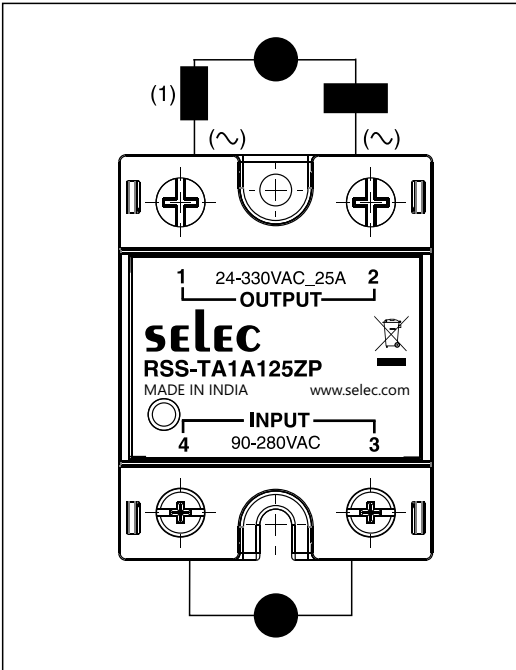
6 : Surge Current Information



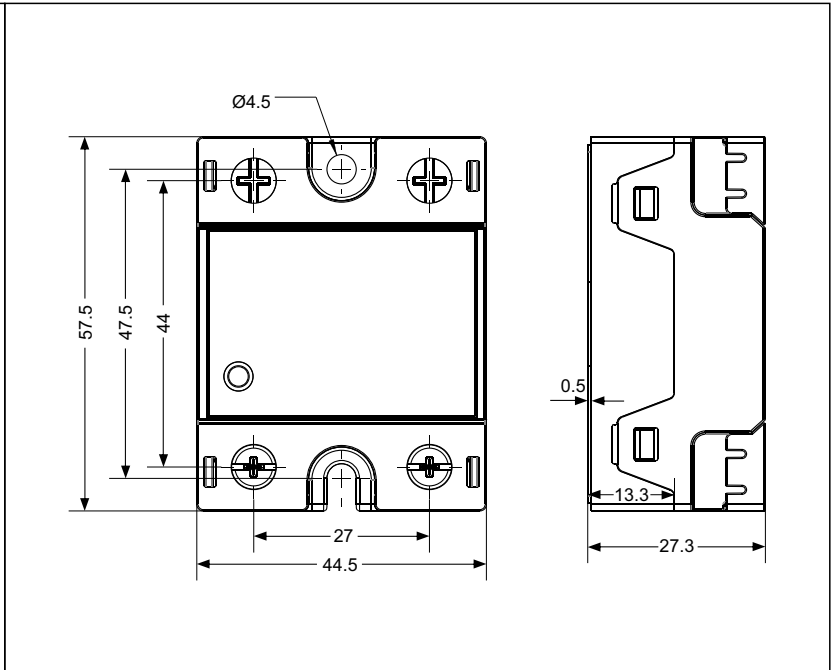
7 : Thermal Derating Curves



8 : Wiring



9 : Dimension (mm)



10 : Tightening Torque

| M4 Screws (control input) | 18..14 AWG (0.75..2.5 mm <sup>2</sup> )<br>2 x 18..14 AWG (0.75..2.5 mm <sup>2</sup> ) | 1.2 N-m |
|---------------------------|----------------------------------------------------------------------------------------|---------|
| M5 Screws (load output )  | 16..8 AWG (1.5..10 mm <sup>2</sup> )<br>2 x 16..8 AWG (1.5..10 mm <sup>2</sup> )       | 2.0 N-m |