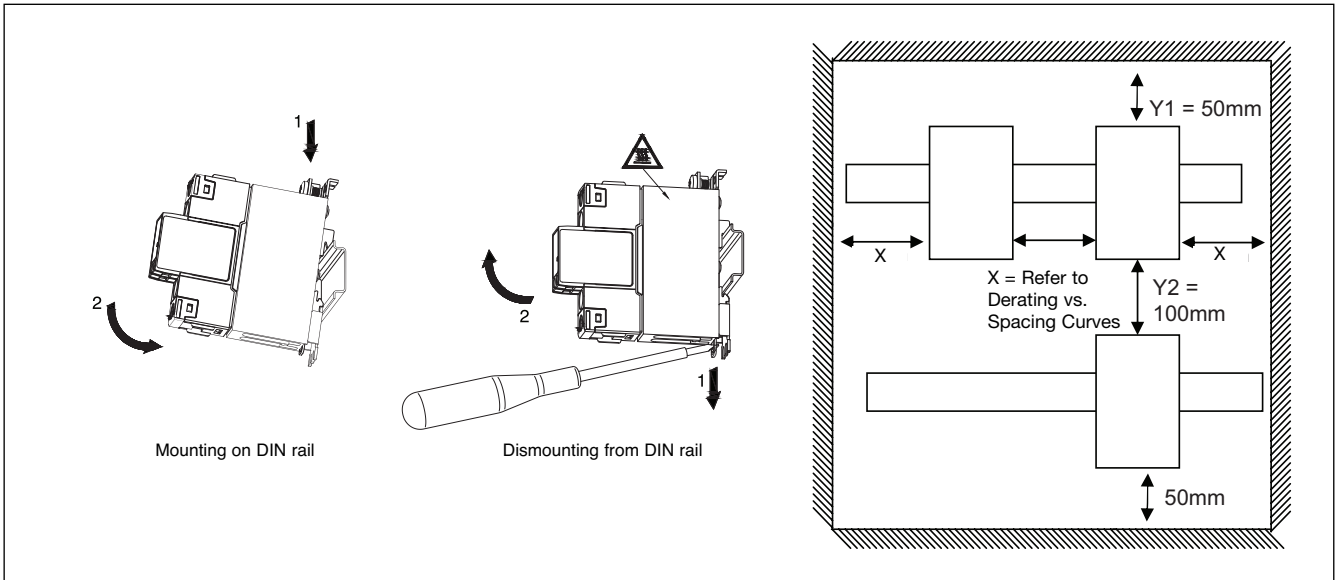


Installation Instructions



Mounting Instructions for RGS1S

Thermal stress will reduce the lifetime of the SSR. Therefore it is necessary to select the appropriate heatsinks, taking into account the surrounding temperature, load current and the duty cycle.

A small amount of thermally conductive silicone paste must be applied to the back of the SSR. The RG Power Module should be first mounted on the heatsink with two M5 screws. Gradually tighten each screw (alternating between the two) until both are tightened with a torque of 0.75Nm. Then tighten both screws to their final mounting torque of 1.5Nm.

In case of a thermal pad attached to the back of the SSR, no thermal paste is required. The RG Power Module is gradually tightened (alternating between the 2 screws) to a maximum torque of 1.5Nm.

Once the power module is tightened to heatsink, the control module can be mounted on top of the power module and screwed with a torque of 0.3Nm to ensure good contact between the 2 units.

