

Rail Heating Products & Services

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SRFN – 1.5m & 2.0m

Switch Rod Heaters

Application: Actuator Rod Snow and Ice Melting

Switch rod (SRFN) heaters are designed specifically to keep switch actuator rods free and clear of snow and ice. These heaters have a flat heating surface and are positioned underneath the rails directly below the switch's actuator rods. The heater output:

SRFN – 1.5 ~ 450 watts operating on 240 volts.

SRFN – 2.0 ~ 600 watts operating on 240 volts.

Design. . .

SRFN heaters are manufactured to meet the specific needs of each transit company based on the available power supply. A typical installation will include a review of the rail, voltage and switch profiles and a determination of the power requirements for the application to provide a cost effective solution.

PRODUCT SPECIFICATIONS

Installation. . .

The SRFN heaters are a flat heater measuring 100mm wide X 1.5m & 2.0m long models with a 15mm high flange along each long side to assist in directing snow and ice melt away from the switch. These heaters are rugged, yet flexible enough, to be easily adapted to the requirements of a given rail switch rod installation. Simple wire nut connections are made inside the box for power connection.

Construction. . .

Inside the SRFN heater is a rugged, parallel path resistive heating element that is encapsulated between two layers of high temperature fiberglass reinforced silicone rubber. This encapsulated element is further encased between two galvanized steel panels for further durability and protection. A Nema 4, junction box with ground terminal and side entry to receive a rain tight conduit fitting is mounted at one end of the heater.

