



RAILWAY POINTS HEATING TRANSFORMERS

SINGLE PHASE

Electric heaters are fitted to the railway track switches to prevent failure or malfunction of the switch under conditions of ice or snow. The heaters are supplied from a single phase 240V / 110V isolating transformer, usually located at the trackside adjacent to the heater installation. For safety reasons the isolating transformers are wound with dual secondary windings each at 110V and electrically separate from the other. The transformers are petroleum jelly filled and enclosed in a galvanised sheet steel tank to BS.EN 60947 classification IP 54 or better. Typical ratings available are 3kVA, 5kVA, or 10kVA.

