

Wire-wound resistor

RD/40A/12s./3,3kV/80R

CONSTRUCTION

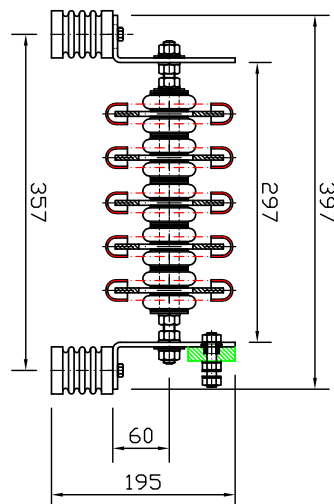
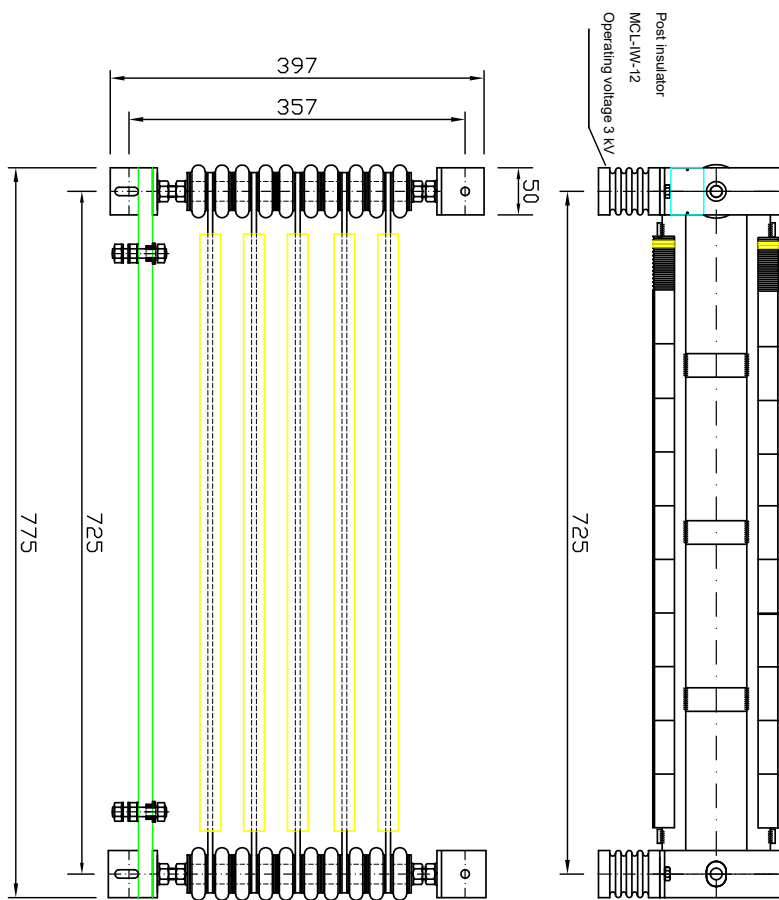
The resistor is constructed as shown below. The thrust elements are made of wire thrust wire (FeCrAl) elliptically coiled and placed on an insulated core. The resistor consists of five thrust elements which are placed on the resin post insulators providing another extra level of insulation.

OPERATING CONDITIONS

- » casual work
- » natural cooling
- » indoor use
- » work in an atmosphere containing no explosive gases and mixtures and corrosive fumes
- » ambient temp.: lowest long-term -30°C, the highest 24-hour 30°C, the highest short-term 55°C
- » relative humidity to 95% at +22°C (293 K)
- » installation height max. 1000 meters above sea level

TECHNICAL DATA

PARAMETER	VALUE
Rated operating voltage	3,3 kV
Rated voltage of insulation to earth	18,5 kV / 1 min.
Rated operating current	40 A
Heat resistance of the resistor at rated current	12 s.
Rated resistance	80Ω ±5%
Level of protection	IP00
Type of cooling	natural
Application	indoor



connection diagram of resistance elements

