



### Main

Range of product	Minera
Product or component type	Oil type transformer
Network type	AC
Type of installation	Indoor/Outdoor
Product certifications	IS 1180
Relay type	DMCR relay

### Complementary

Type of cooling	ONAN (oil natural air natural)
Rated power in VA	630 kVA
Network frequency	50 Hz
Electrical insulation class	A
Network number of phases	3 phases
Primary voltage	11 kV
Electrical connection	Cable box high voltage connection Cable box low voltage connection
Isolation voltage	Primary: 12 kV AC Secondary: 1 kV AC
[Ui] rated insulation voltage	Primary circuit : 28 kV AC Secondary circuit : 3 kV AC
[Uimp] rated impulse withstand voltage	75 kV
Secondary voltage	433 V at operation/loading as per IS standard
Vector group	Dyn11
Tapping range	- 10...5 x 2.5 %
Number of steps	6
Temperature rise	40/45 K (oil and winding insulation)
Percentage impedance voltage	4.5 %
Operating altitude	< 1000 m
Material	Copper
Mounting mode	Ground mounted
IP degree of protection	IP00 corrugated conforming to IS 2099 IP00 corrugated conforming to IS 3347 IP55 low voltage cable box
Product weight	2970 kg
Height	2200 mm
Width	1700 mm
Length	1650 mm

## Environment

Ambient air temperature for operation	-6...50 °C
Ambient air temperature for storage	-6...50 °C
Standards	NEMA
Relative humidity	0...95 %
Level or class	Level 2
Ambient air temperature for operation	50 °C

Product Life Status : **Commercialised**