



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	OTI relay WTI relay BR relay PRV relay

Complementary

Type of cooling	ONAN (oil natural air natural)
Rated power in VA	1600 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 Bus duct low voltage connection
Isolation voltage	1.0 KV AC secondary 12 KV AC primary
[Ui] rated insulation voltage	Secondary circuit: 3 kV AC Primary circuit: 28 kV AC
[Uimp] rated impulse withstand voltage	75 KV
Secondary voltage	Operation/Loading as per IS standard: 433 V
Vector group	Dyn11
Tapping range	- 10...5 x 2.5 %
Number of steps	6.0
Temperature rise	40/45 K (oil and winding insulation)
Percentage impedance voltage	6.25 %
Operating altitude	< 1000 m
Material	Copper
Mounting mode	Ground mounted
Net weight	6050 Kg
Height	2500 Mm
Width	2400 Mm
Length	3200 Mm

Environment

Ambient air temperature for operation	-6...50 °C
Ambient air temperature for storage	-6...50 °C
IP degree of protection	IP00 conventional IS 2099 IP00 conventional IS 3347 IP55 low voltage cable box
Standards	NEMA
Relative humidity	0...95 %
Level or class	Level 2
Ambient air temperature for operation	50 °C

Product Life Status : **Commercialised**