



Main

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|---------------------------|----------------------|
| 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 | 2000 kVA |
| Network frequency | 50 Hz |
| Electrical insulation class | A |
| Network number of phases | 3 phases |
| Primary voltage | 33 kV |
| Electrical connection | Cable box high voltage connection Bus duct low voltage connection |
| Isolation voltage | Primary: 36 kV AC Secondary: 1 kV AC |
| [Ui] rated insulation voltage | Secondary circuit : 3 kV AC Primary circuit : 70 kV AC |
| [Uimp] rated impulse withstand voltage | 170 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 | 6.25 % |
| 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 | 7090 kg |
| Height | 2600 mm |
| Width | 2700 mm |
| Length | 2100 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 1 |
| Ambient air temperature for operation | 50 °C |

Product Life Status : **Commercialised**