



Main

Range of product	Trihal
Product or component type	Dry type transformer
Network type	AC
Type of installation	Indoor
Product certifications	IEC
Relay type	6 PTC relay 1 Ziehl relay

Complementary

Type of cooling	AN (air natural)
Rated power in VA	2000 kVA
Network frequency	50 Hz
Electrical insulation class	F
Network number of phases	3 phases
Primary voltage	20 kV
Electrical connection	Upward pointing riser high voltage connection
Isolation voltage	Secondary: 1.1 kV AC Primary: 24 kV AC
[Ui] rated insulation voltage	Secondary circuit : 10 V AC Primary circuit : 50 V AC
[Uimp] rated impulse withstand voltage	95 kV
Secondary voltage	410 V at no load
Vector group	Dyn11
Tapping range	+/- 2 x 2.5 %
Number of steps	5
Temperature rise	100 K (winding)
Percentage impedance voltage	6 %
No load losses	16000 W
Thermal losses	16000 W at 120 °C
Operating altitude	< 1000 m
Material	Aluminium
Impregnation material	Cast resin (HV) Pre-impregnated (LV)
Mounting mode	Fixed
Mounting support	Floor
IP degree of protection	IP31 enclosure IEC
Product weight	4315 kg
Height	2460 mm

Width	1280 mm
Length	2240 mm
Noise level	56 dB at 1 m

Environment

Ambient air temperature for operation	-50...40 °C (C3)
Ambient air temperature for storage	-50...40 °C (C3)
Relative humidity	0...95 % (E3)
Level or class	F1

Product Life Status : **Commercialised**