



### 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
Locking options description	Bushing locking device HV/MV connection Without keylocks
Electrical connection	Plug-in bushing HV/MV 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

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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**