



Main

Product range	Trihal
Product or component type	Dry type transformer
Network type	AC
Type of installation	Indoor
Maximum altitude	< 1000 m
Cooling mode	AN (air natural)
Winding material	Aluminium
Insulation material	Cast resin (HV) Pre-impregnated (LV)
Degree of protection	IP00 no enclosure
Mounting mode	Withdrawable Fixed

Complementary

Phase	3 phases
Rated power	1000 kVA
Rated frequency	50 Hz
Rated primary voltage	10 kV
Secondary voltage (at no-load)	No load: 400 V
Rated insulation level	Primary circuit: 38 kV AC Secondary circuit: 10 kV AC
Insulation voltage to industrial frequency (50 Hz 1 mn)	17.5 kV primary 1.1 kV secondary
Lighting impulse withstand voltage (BIL) , 1.2/50 µs	95 kV for primary circuit
Vector group	Dyn11
HV tapings (off circuit)	+/- 2 x 2.5 %
Short circuit impedance	6 %
No-load losses	2000 W
Load losses at 75°C/120 °C	8800 W at 75 °C 10000 W at 120 °C
Temperature rise of windings	100 K (winding)

Thermal class	F
Sound power level	60 dB at 1 m
Protective relay	PTC relay
Height	1693 mm
Width	945 mm
Length	1574 mm
Total weight	2245 kg

Environment

Ambient air temperature for operation	-40...40 °C for C4
Ambient air temperature for storage	-50...40 °C C4
Environmental certification	0...95 % (E4)
Fire certificate	F1
Standards	IEC 60076-11:2018
Corrosion category	C3M

Packing Units

Package 1 Weight	2245.000 kg
Package 1 Height	16.930 dm
Package 1 width	9.450 dm
Package 1 Length	15.740 dm

