



Main

Range of product	Trihal
Product or component type	Dry type transformer
Network type	AC
Type of installation	Indoor
Product certifications	IEC Eco-Design
Relay type	PTC relay Z temperature relay

Complementary

Type of cooling	AN (air natural)
Rated power	630 kVA
Network frequency	50 Hz
Thermal class	F
Phase description	3 phases
Primary voltage	10 kV
Isolation level	Primary: 12 kV Secondary: 1.1 kV
[Ui] rated insulation voltage	Primary circuit : 28 kV AC Secondary circuit : 10 kV AC
[Uimp] rated impulse withstand voltage	Primary circuit : 75 kV
Secondary voltage	400 V at no load
Vector group	Dyn05
Tapping link range	+/- 2 x 2.5 %
Total number of steps	5
Temperature rise	100 K (winding)
Impedance voltage	6 %
No-load losses	1100 W
Load losses	7100 W at 120 °C
Operating altitude	< 1000 m
Winding material	Aluminium
Insulation material	Cast resin (HV) Pre-impregnated (LV)

Mounting mode	Fixed Withdrawable
IP degree of protection	IP00 no enclosure
Product weight	1855 kg
Height	1599 mm
Width	817 mm
Length	1536 mm
Sound power level	62 dB at 1 m

Environment

Ambient air temperature for operation	-50...40 °C (C3)
Ambient air temperature for storage	-50...40 °C (C3)
Environmental certification	0...95 % (E3)
Fire certificate	F1
Atmospheric-corrosivity category	C3M