Product data sheet

Transformer, Trihal, IEC, dry type, 1000kVA, 10kV, dyn5, 12kV, IP00

TRI100012276519800

⊘ **Discontinued on:** Sep 30, 2022

⊘ **Discontinued**

Main

Product Range	Trihal
Product Or Component Type	Transformer
Transformer Type	Dry type transformer
Network Type	AC
Directives	2015/2014/548/EC- ecodesign
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	Fixed Withdrawable

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
Insulation Voltage To Industrial Frequency (50 Hz 1 Mn)	12 kV primary 1.1 kV secondary
Rated Insulation Level	Primary circuit: 28 kV AC Secondary circuit: 10 kV AC
Lighting Impulse Whistand Voltage (Bil) , 1.2/50 Ms	75 kV for primary circuit
Vector Group	Dyn05
Hv Tappings (Off Circuit)	+/- 2 x 2.5 %
Short Circuit Impedance	6 %
No-Load Losses	1550 W
Load Losses At 75°C/120 °C	9000 W at 120 °C
Temperature Rise Of Windings	100 K (winding)

Thermal Class	F
Sound Power Level	65 dB at 1 m
Height	1914 mm
Width	945 mm
Length	1646 mm
Total Weight	2780 kg

Environment

Ambient Air Temperature For Operation	-25…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

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	191.4 cm
Package 1 Width	94.5 cm
Package 1 Length	164.6 cm
Package 1 Weight	2780.0 kg

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Guide to assess a product's sustainability ›

Well-being performance

✅ Reach Free Of Svhc

✅ Rohs Exemption Information   Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information