

Product data sheet

Specifications



Transformer, Trihal, IEC, dry type, 2000kVA, 13,8kV, dyn11, 17,5kV, IP31, copper windings, air forced cooling

TRI200013682529701

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	AF (air forced)
Winding Material	Copper
Insulation Material	Cast resin (HV) Pre-impregnated (LV)
Degree Of Protection	IP31
Mounting Mode	Withdrawable Fixed

Complementary

Phase	3 phases
Rated Power	2000 kVA
Rated Frequency	60 Hz
Rated Primary Voltage	13.8 kV
Secondary Voltage (At No-Load)	No load: 419 V
Insulation Voltage To Industrial Frequency (50 Hz 1 Mn)	17.5 kV primary 1.1 kV secondary
Rated Insulation Level	Primary circuit: 38 kV AC Secondary circuit: 10 kV AC
Lighting Impulse Whistand Voltage (Bil) , 1.2/50 Ms	95 kV for primary circuit
Vector Group	Dyn11
Hv Tappings (Off Circuit)	+/- 2 x 2.5 %
Short Circuit Impedance	6 %
No-Load Losses	4500 W
Load Losses At 75°C/120 °C	16500 W at 120 °C
Temperature Rise Of Windings	90 K (winding)
Thermal Class	F

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Sound Power Level	65 dB at 1 m
Protective Relay	PTC relay
Height	2200 mm
Width	1265 mm
Length	2195 mm
Total Weight	4505 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

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product’s sustainability >](#)

Well-being performance

 Reach Free Of Svhc

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