

Product data sheet

Specifications



Transformer, Trihal, dry type,
1500kVA, 11kV, 415V, IP31
enclosure, air forced cooling

TRI150012579841F00

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	ANAF (air natural air forced)
Winding material	Aluminium
Insulation material	Cast resin (HV) Pre-impregnated (LV)
Degree of protection	IP00 IP31 enclosure
Mounting mode	Fixed

Complementary

Phase	3 phases
Rated power	1500 kVA
Rated frequency	50 Hz
Rated primary voltage	11 kV
Secondary voltage (at no-load)	No load: 415 V
Insulation voltage to industrial frequency (50 Hz 1 mn)	12 kV AC primary 1.1 kV AC secondary
Rated insulation level	Primary circuit: 35 kV AC Secondary circuit: 3 kV AC
Lighting impulse whistand voltage (BIL) , 1.2/50 µs	95 kV for primary circuit
Vector group	Dyn11
HV tappings (off circuit)	+/- 2 x 2.5 %
Short circuit impedance	6 %
No-load losses	2650 W
Load losses at 75°C/120 °C	14500 W at 75 °C

	16600 W at 120 °C
Temperature rise of windings	100 K (winding)
Thermal class	F
Sound power level	68.5 dB at 1 m
Electrical connection	Cable high voltage connection Cable low voltage connection
Height	2430 mm
Width	1500 mm
Length	2400 mm
Total weight	3850 kg

Environment

Ambient air temperature for operation	-25...40 °C for C2
Ambient air temperature for storage	-50...40 °C C4
Environmental certification	0...95 % (E4)
Fire certificate	F1
Standards	IEC 60076-11:2018

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information

Recommended replacement(s)