


Product data sheet

Specifications



Transformer, Minera, Tier1, oil type, 800kVA, 20kV, 410V, 24kV

MIN080020001125

 **Discontinued on:** Sep 30, 2022

 **Discontinued**

Main

Product Range	Minera
Product Or Component Type	Transformer
Transformer Type	Oil type transformer
Dielectric Liquid	Mineral oil
Network Type	AC
Standards	NF EN EN 50588-1
Type Of Installation	Indoor
Maximum Altitude	< 1000 m
Cooling Mode	ONAN (oil natural air natural)
Winding Material	Aluminium
Degree Of Protection	IP00 IP21 low voltage cable box
Mounting Mode	Ground mounted

Complementary

Directives	2015/2014/548/EC- ecodesign
Phase	3 phases
Rated Power	800 kVA
Rated Frequency	50 Hz
Rated Primary Voltage	20 kV
Secondary Voltage (At No-Load)	No load: 410 V
Insulation Voltage To Industrial Frequency (50 Hz 1 Mn)	50 kV primary 3 kV secondary
Rated Insulation Level	Primary circuit: 24 kV Secondary circuit: 1.1 kV
Lighting Impulse Whistand Voltage (Bil) , 1.2/50 Ms	125 kV
Vector Group	Dyn11
Hv Tappings (Off Circuit)	+/- 2 x 2.5 %
Short Circuit Impedance	6 %
No-Load Losses	650 W
Load Losses At 75°C	8400 W

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

Temperature Rise Of Windings	60 K (oil) 65 K (winding)
Thermal Class	A
Sound Power Level	42 dB at 1 m
Electrical Connection	Plug-in bushing high voltage connection Porcelain bushing high voltage connection Porcelain bushing low voltage connection Bar low voltage connection
Protective Relay	DMCR relay
Locking Options Description	Without keylocks
Height	1762 mm +/- 20 mm
Width	978 mm +/- 20 mm
Length	1556 mm (+/- 20 mm)
Total Weight	2195 kg +/- 5 % 530 kg +/- 5 % oil

Environment

Maximum Ambient Temperature	40 °C
Ambient Air Temperature For Operation	-20...40 °C
Ambient Air Temperature For Storage	-20...40 °C
Environmental Certification	0...95 %
Corrosion Category	C3

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	177.3 cm
Package 1 Width	98.0 cm
Package 1 Length	154.0 cm
Package 1 Weight	2330.0 kg

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	
	Mercury Free	
	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	