



Main

Product range	Minera
Product or component type	Oil type transformer
Dielectric liquid	Mineral oil
Network type	AC
Type of installation	Outdoor
Maximum altitude	< 1000 m
Cooling mode	ONAN (oil natural air natural)
Winding material	Aluminium
Degree of protection	IP00 no enclosure

Complementary

Phase	3 phases
Rated power	630 kVA
Rated frequency	50 Hz
Rated primary voltage	20 kV
Secondary voltage (at no-load)	No load: 400 V
Rated insulation level	Primary circuit: 50 kV AC Secondary circuit: 3 kV AC
Insulation voltage to industrial frequency (50 Hz 1 mn)	24 kV AC primary 1.1 kV AC secondary
Lighting impulse withstand voltage (BIL) , 1.2/50 µs	125 kV for primary circuit
Vector group	Dyn05
HV tappings (off circuit)	+/- 2 x 2.5 %
Short circuit impedance	4 %
No-load losses	600 W
Load losses at 75°C	5400 W
Temperature rise of windings	65 K (winding) 60 K (oil)
Thermal class	A
Sound power level	52 dB at 1 m

Protective relay	DMCR relay
Height	1501 mm +/- 20 mm
Width	884 mm +/- 10 mm
Length	1348 mm (+/- 20 mm)
Total weight	2050 kg

Environment

Ambient air temperature for operation	40 °C
Corrosion category	C3

Packing Units

Package 1 Weight	2050.000 kg
Package 1 Height	1501.000 mm
Package 1 width	884.000 mm
Package 1 Length	1348.000 mm

