



Main

Product range	Minera
Product or component type	Oil type transformer
Dielectric liquid	Mineral oil
Network type	AC
Type of installation	Indoor
Maximum altitude	< 1000 m
Cooling mode	ONAN (oil natural air natural)
Winding material	Aluminium
Degree of protection	IP00 enclosure IEC IP21 optional MINBAC10001250 low voltage cable box
Mounting mode	Fixed

Complementary

Phase	3 phases
Rated power	1000 kVA
Rated frequency	50 Hz
Rated primary voltage	20 kV
Secondary voltage (at no-load)	No load: 410 V
Rated insulation level	Primary circuit: 50 V AC Secondary circuit: 10 V 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
Vector group	Dyn11
HV tappings (off circuit)	+/- 2 x 2.5 %
Short circuit impedance	4 %
No-load losses	770 W
Load losses at 75°C	10500 W
Temperature rise of windings	65 K (oil)
Thermal class	A

Sound power level	44 dB at 1 m
Protective relay	1.0 DMCR relay
Locking options description	Without keylocks high voltage connection
Height	1800 mm
Width	980 mm
Length	1730 mm
Total weight	2675 kg 634 kg insulation

Environment

Ambient air temperature for operation	-20...40 °C
Ambient air temperature for storage	-20...40 °C
Environmental certification	0...95 %

Packing Units

Package 1 Weight	2675.000 kg
Package 1 Height	1800.000 mm
Package 1 width	980.000 mm
Package 1 Length	1730.000 mm

