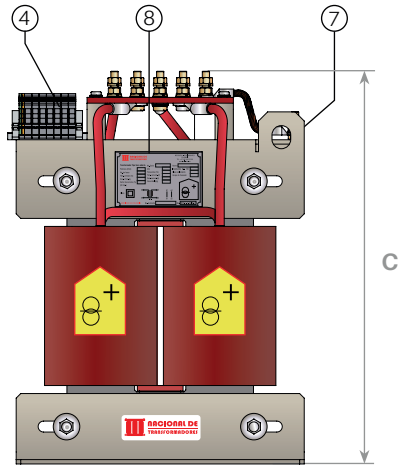
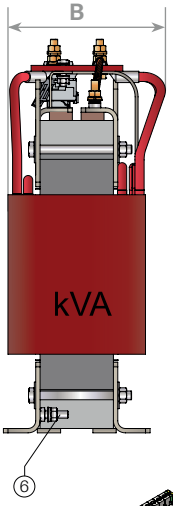
SINGLE-PHASE TRANSFORMER FOR CIRCUIT SEPARATION OPEN DRY-TYPE DESIGN CLASS H SERIES 1.1 kV IN ACCORDANCE WITH IEC/EN 61558-2-15 AND RETIE.

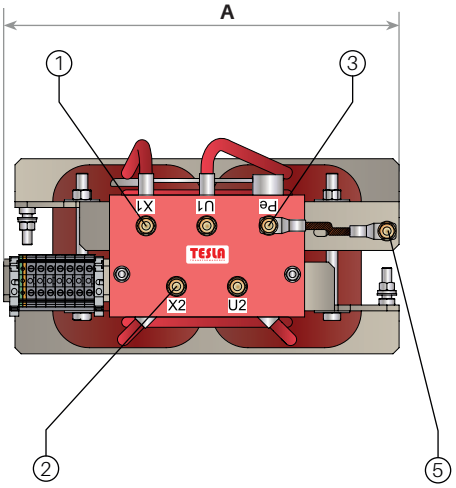
FRONT VIEW



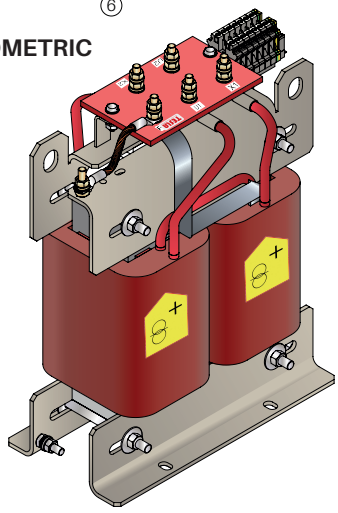
SIDE VIEW



TOP VIEW



ISOMETRIC



Rated voltage (kV)	1,1
Primary voltage(V)	Up to 1000
Secondary voltage (V)	Up to 250
Phases	1
Installation	Indoor
Frequency (Hz)	60
Connection group	li0
Tap changer	No switching
Temperature rise (°C)	125
BIL (kV)	- / -
Leakage current between secondary and ground (mA)	< 0,5
Service factor (0.5 hours at 90% load) (%)	150
Degree of protection	IP00
Cooling	AN
Insulation class	H

POWER (kVA)	A (mm)	B (mm)	C (mm)	WEIGHT (kg)	IMPEDANCE AT145°C (%)	SHORT CIRCUIT DURATION (s)	SYMETRICAL ICC (kA)	LOAD LOSSES AT 145°C Pk(W)	NO-LOAD LOSSES Po(W)	EFFICIENCY 75°C (*) (%)	SOUND PRESSURE POWER (**) (dB)
0,5	260	200	410	35	3	2	33,3	25	15	90,92	<50
1	280	200	410	40	3	2	33,3	40	25	92,35	<50
2	300	200	420	45	3	2	33,3	80	30	94,86	<50
3	330	200	430	50	3	2	33,3	95	35	95,94	<50
4	330	200	450	55	3	2	33,3	120	38	96,56	<50
5	330	200	470	60	3	2	33,3	160	40	96,91	<50
6	340	200	470	65	3	2	33,3	200	45	97,00	<50
8	340	200	480	70	3	2	33,3	250	47	97,50	<50
10	340	200	480	75	3	2	33,3	350	50	97,64	<50

(*) Efficiency levels calculated at a reference temperature of 75°C, with a load factor of 50% and power factor = 1.
(*) Prior to the guaranteed efficiency value, the specified no-load or winding losses are a reference and these may vary depending on the voltage and current characteristics of the transformer.
(**) Sound pressure level NTC 5978.
(***) The different constructions vary by power (kVA.)
(****) The number of perforations on the terminals is according to the manufacturing standard (It will be indicated in the final drawing).

Notes

- Due to changes in technology and manufacturing methods, dimensions and weights may change without prior notice, tolerances ± 10%.
- The values of No-load losses and load losses are values determined according to the design and kVA.
- For special transformers, K factor for harmonic management, IP protection grades, reduced temperature rise in the windings on request with additional cost.
- Measurements are approximate, for definitive plans check with the factory..
- The measurements are approximate for final plans check with the factory.
- For different or higher powers, they are manufactured to order, check with the factory.

Constituent parts

1 Primary winding phase terminals.
2 Secondary winding phase terminals.
3 Electrostatic screen terminal.
4 Thermal overtemperature protector (PT100 type thermocouple).
5 Grounding terminal.
6 Screen grounding terminal.
7 Lifting device.
8 Nameplate.

icontec ISO 9001

IQNet CERTIFIED MANAGEMENT SYSTEM

TR-CO17/7452