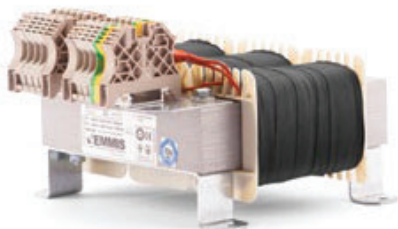


THO - THREE-PHASE ISOLATING AND SAFETY ISOLATING TRANSFORMERS, HORIZONTAL TYPE



General characteristics
Rated power 500 VA – 4000 VA
Input phase-phase voltage < 1000 VAC
Output phase-phase voltage of isolating transformer 51 V – 1000 VAC
Output phase-phase voltage of safety isolating transformer < 50 VAC
Operation continuous
Frequency 50-60 Hz
Protection class I
Insulation class B 130°C
Degree of protection IP 00
Cooling method natural air circulation
Maximum ambient temperature 40°C
Type dry

Advantages
Flexible and space-saving due to option of horizontal or vertical mounting
Low operating temperature due to unimpeded air circulation on all sides
Safe and simple cable connection achieved through the use of special terminals
Easy installation using special mounting supports that permit the comfortable use of tools
Reliability achieved through high standards of quality control carried out by state-of-the-art, calibrated instruments at all stages of production, from receipt of raw materials to inspection of final products, one by one



STANDARDS:

EN 61558-2-4 / IEC 61558-2-4
EN 61558-2-6 / IEC 61558-2-6

ISOLATING TRANSFORMERS CAN BE USED:

- Where galvanic isolation of the load and the user from the power source (e.g. power grid) is required for protective purposes. The supply voltage can be transformed to a different value at the same time.
- When the transformer is incorporated in an electrical control panel as a component of a circuit/configuration.

SAFETY ISOLATING TRANSFORMERS CAN BE USED:

- When safe extra low voltage (SELV) is required, in addition to isolation.
- When the transformer is incorporated in an electrical control panel as a component of a circuit/configuration.
- To supply SELV rectifying circuits.

MECHANICAL SPECIFICATIONS

POWER (VA)	TERMINALS	MOUNT TYPE	MOUNTING SCREWS	WEIGHT (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
500	RAIL CLAMP	Ω-SHAPED BRACKETS	M6	8,31	182	195	116	167	121
1000	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	13,9	236	230	123	218	170
1500	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	17,2	236	230	133	218	170
2000	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	20,5	236	230	143	218	170
2500	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	25,6	298	270	146	278	210
3000	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	29,2	298	270	156	278	210
4000	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	34,8	298	270	166	278	210

* Dimensions may vary for safety isolating transformers, depending on power rating and output voltage.

DIMENSION DIAGRAMS

