

SHO - SINGLE-PHASE ISOLATING AND SAFETY ISOLATING TRANSFORMERS, HORIZONTAL TYPE

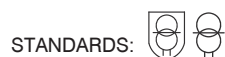


General characteristics

Rated power 2000 VA – 4000 VA
Input voltage < 1000 VAC
Isolating transformer output voltage 51 V – 1000 VAC
Safety isolating transformer output voltage < 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
Small size in relation to power due to the high quality of materials
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	MOUNT-ING SCREWS	WEIGHT (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
2000	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	18,9	195	285	148	177	210
2500	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	21,4	195	285	158	177	210
3000	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	26,2	240	350	156	205	240
4000	RAIL CLAMP	Ω-SHAPED BRACKETS	M8	31,4	240	350	166	205	240

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

DIMENSION DIAGRAMS

