

Safety isolating transformer, IP00

Type FR-PS



Single-phase safety isolating transformer designed and tested according to EN61558-2-6.

The construction is produced with modern technology and satisfies ever-increasing requirements of service life and reliability. The FR-PS

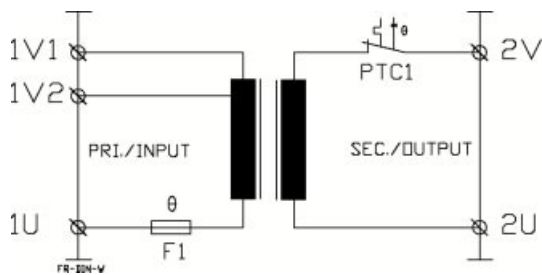
transformers have separate insulated windings, are moulded in self-extinguishing polyurethane and capsulated in plastic. For fixed installation, simple and easy assembly in cabinets or switchboards. Produced according to DnV, Lloyds register of shipping and Bureau Veritas regulations which include 45°C ambient temperature. Insulation class II, double isolated.

All models are short circuit and overload protected with built in PTC fuse.

Applications:

Industrial safety isolating transformer designed for installation in processing industry and switch-boards. Suitable for SELV installations which require safety-isolating transformer approved according to the CE directives. Supplied with integrated optional DIN-rail mounting system (35mm DIN-rail).

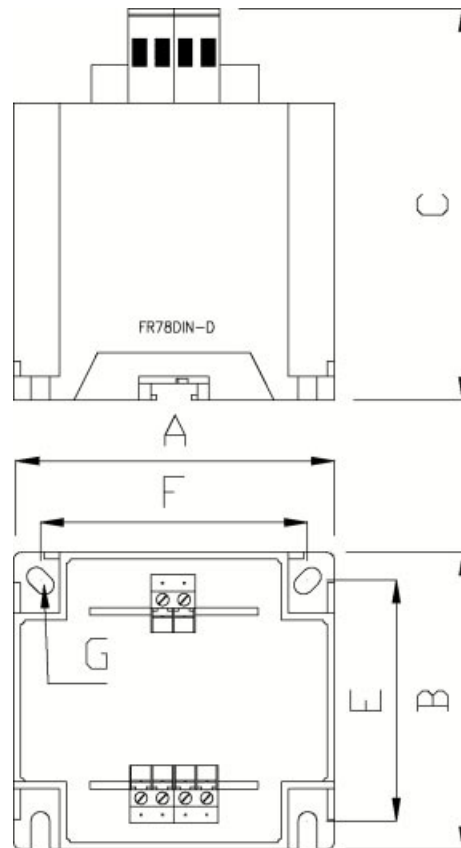
Dimensions



Technical specifications

- Input voltage: 230-250V
- Frequency: 47-63Hz
- Output voltage: 24V
- According to: EN61558-2-6
- Test/insulating voltage: 4/5,2kV AC RMS
- Construction class: II
- Insulation class: B (130°C)
- Ambient temp. (t_a): 45°C
- Degree of protection: IP00

Wiring diagram



Standard types

Type	Voltage Sec. (V)	Current Sec. (A)	Power (VA)	Dimensions (mm)						Weight (Kg)	Art. no.	
				A	B	C	E	F	G			
230-250/24V												
FR60B-23024-PS	24	1,7	40	68	63	95	50	56	4,4x5	0,9	3-071-000066	
FR78B-23024-PS	24	3,8	90	85	79	103	63	70	5x8	1,7	3-071-000067	
FR84B-23024-PS	24	5,4	130	90	84	110	68	76	5x7	2,3	3-071-000068	

Information on losses and short-circuit currents on page I-18 & I-19