

Impulse transformer

TR-2,5/2
883182

Data sheet



Technical data

Primary voltage	230-400 V AC
Secondary voltage	24-30-42 V AC
Power	2500 VA
Duty cycle (ED)	40 %
Frequency	50/60 Hz
Weight	18 kg
Max. average power dissipation	76 W
Standards	VDE 0570 / EN 61558 Insulating transformer with reinforced insulation

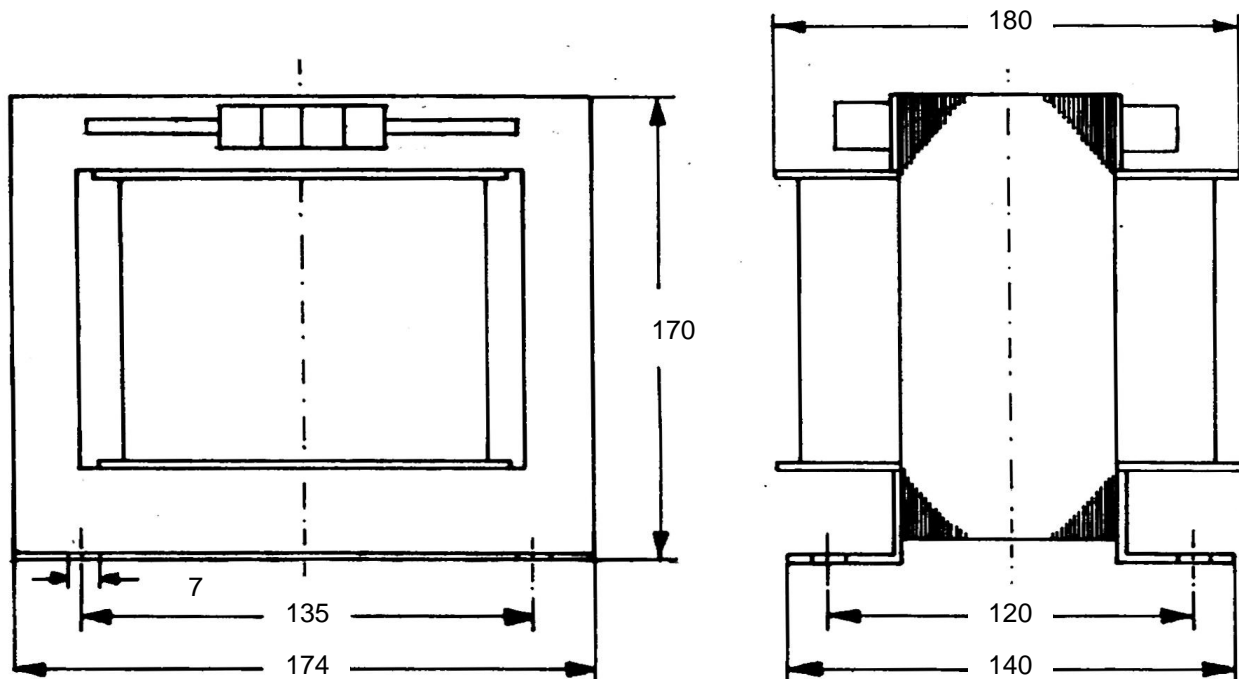
Installation

When the impulse transformer is installed, suitable shock protection must be provided in accordance with the national installation regulations for electrical equipment. In addition, water, cleaning solutions and conductive fluids must be prevented from seeping into the transformer. A minimum safety clearance of 40...50 mm all round (e.g. from other devices and wiring) must be allowed.



Incorrect installation of the impulse transformer impairs electrical safety

Mechanical dimensions



The diagram shows the basic structure of the impulse transformer with the overall dimensions. The mechanical details (e.g. the position and size of the terminals) are NOT to scale.

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Terminals		Primary	Secondary
Type		TRK4	TRK10
To connect wires			
Rigid min	mm ²	0,75	2,5
Rigid max	mm ²	4	10
Flexible min	mm ²	1	4
Flexible max	mm ²	4	10
With ferrule min	mm ²	0,75	2,5
With ferrule max	mm ²	2,5	6
2 rigid wires min	mm ²	0,75	2,5
2 rigid wires max	mm ²	4	10
2 flexible wires min	mm ²	1	4
2 flexible wires max	mm ²	4	10
2 wires with ferrules min	mm ²	0,75	2,5
2 wires with ferrules max	mm ²	2,5	6
Stripping length	mm	11	16
Thread		M4	M5
Torque	Nm	1,5...1,8	4...4,5



Cable cross sections outside of the specified ranges may only be used subject to prior consultation with ROPEX.

Malfunctions or damage may otherwise occur.