

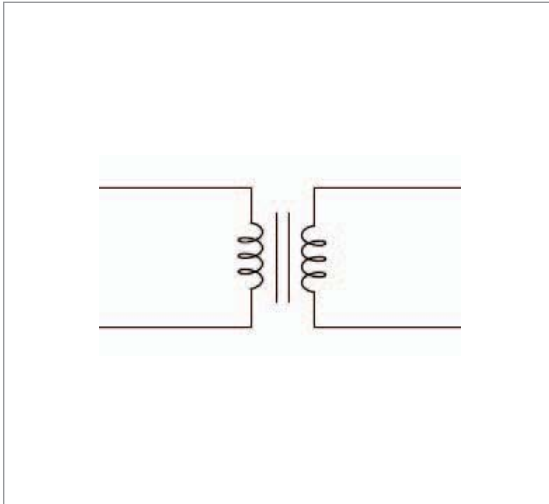
Isolating transformer

Single phase



TRA series 0.05/13.2 KVA

Operating principle



An isolation transformer is a transformer, often with symmetrical windings, which is used to decouple two circuits. An isolation transformer allows an AC signal or power to be taken from one device and fed into another without electrically connecting the two circuits. Isolation transformers block transmission of DC signals from one circuit to the other, but allow AC signals to pass. They also block interference caused by ground loops. Isolation transformers with electrostatic shields are used for power supplies for sensitive equipment such as computers or laboratory instruments. In electronics testing, troubleshooting and servicing, an isolation transformer is a 1:1 power transformer which is used as a safety precaution.

Main Features

- Low transfer output impedance
- Low load regulation
- Choice of common mode noise reduction characteristic model
- Small footprint
- Low noise
- Fast easy installation
- Protects sensitive loads from surges and spikes
- Low leakage current (full save)

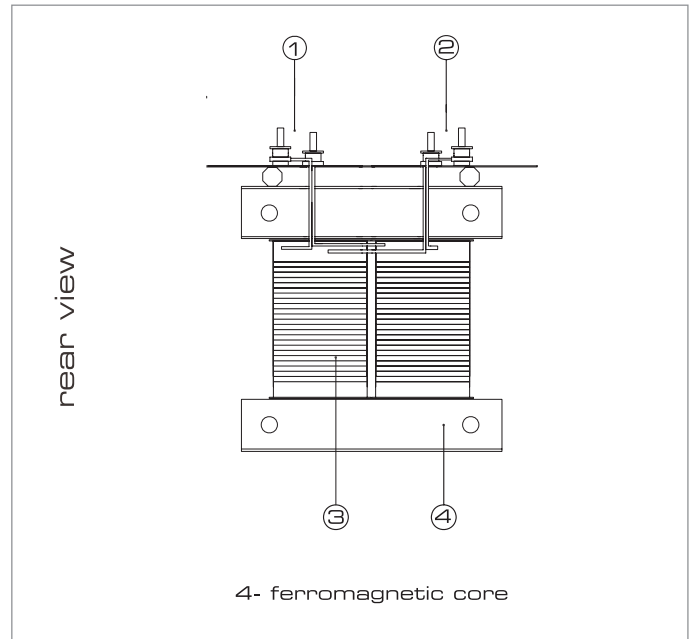
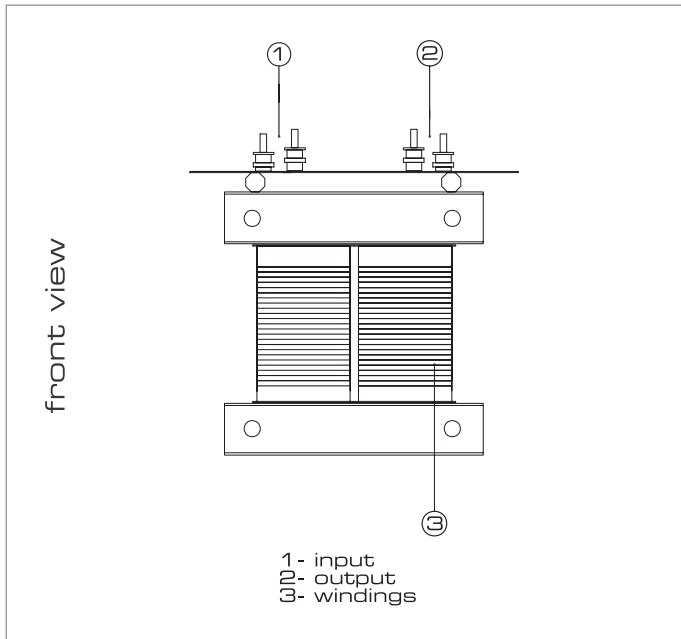
Applications

- House appliances
- Hospitals and medical labs
- Electronic labs

Optional

- Metal box
- Circuit breaker protection
- Fan (forced cooling)
- Thermal control





Characteristics

model		TRA
	Nominal power	From 50VA up to 13.2 KVA
input	Voltage	230VAC
	Frequency	50Hz
output	Voltage	230VAC
	Frequency	50Hz
general	Insulating class	E
	Insulating level	1000V
	Protection degree	IP20
	Accessories	Rating plate
	Cooling	Natural cooling
environment	Temperature	0°C to +40°C (+32°F to +104°F)
	Altitude(above sea level)	1000m
	Relative Humidity	20...90%
physical	Weight (Kg)	Depend on Transformer capacity
	Dimensions WxDxH (mm)	
applicable standards		IEC 60076

