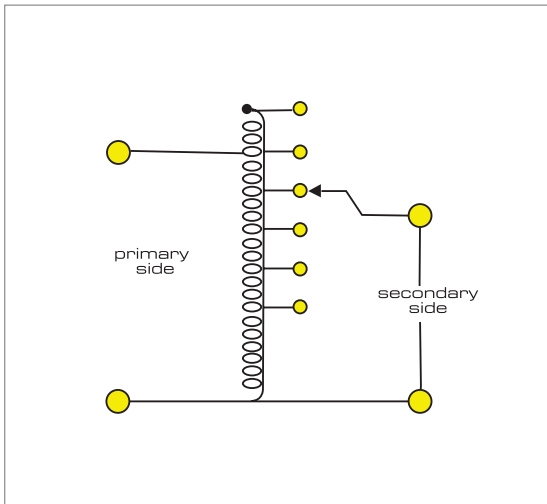


Autotransformer

Three phase

TRA series 5/250 KVA

Operating principle



An autotransformer is an electrical transformer with only one winding. The winding has at least three electrical connection points called taps. The voltage source is applied to two taps and the load is connected to two taps one of which is usually a common connection that is also connected to the source. Each tap corresponds to a different source or load voltage. In an autotransformer a portion of the same winding effectively acts as part of both the primary and secondary winding.

Main Features

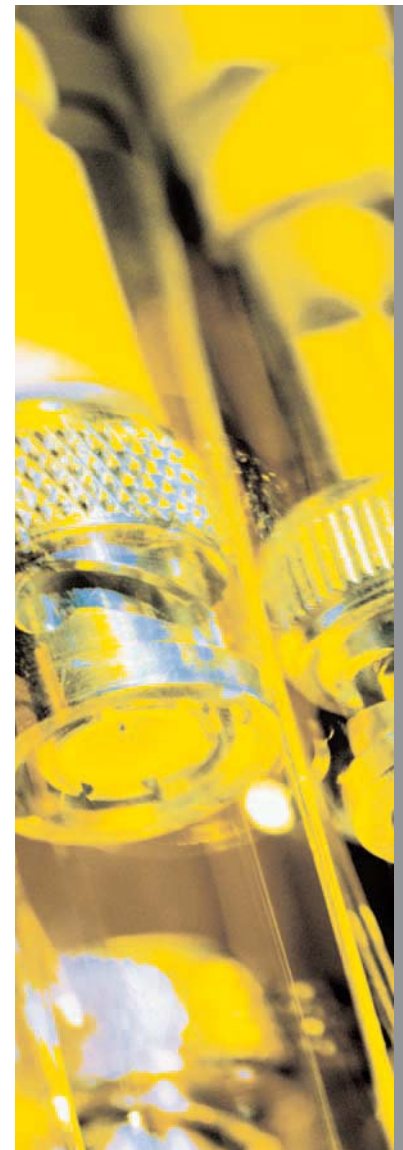
- 1 start every 15 min
- Starting time is 10 s
- Instantaneous current is four time of power rating

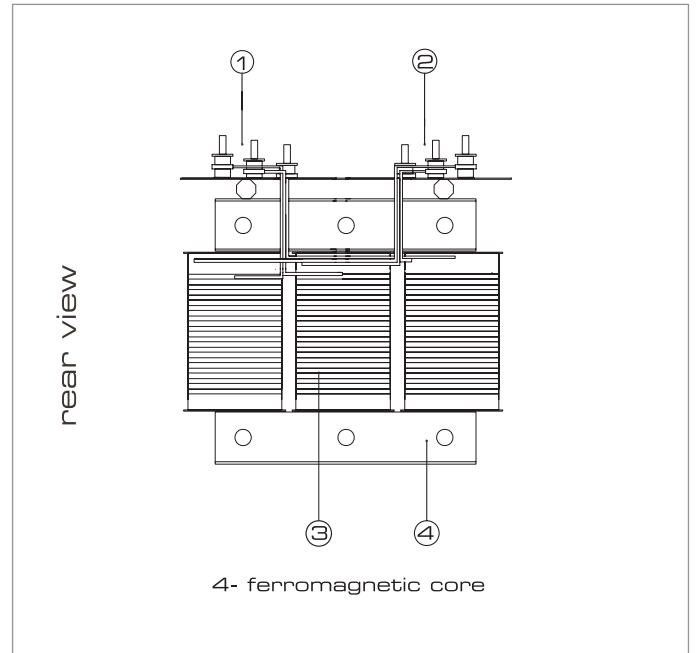
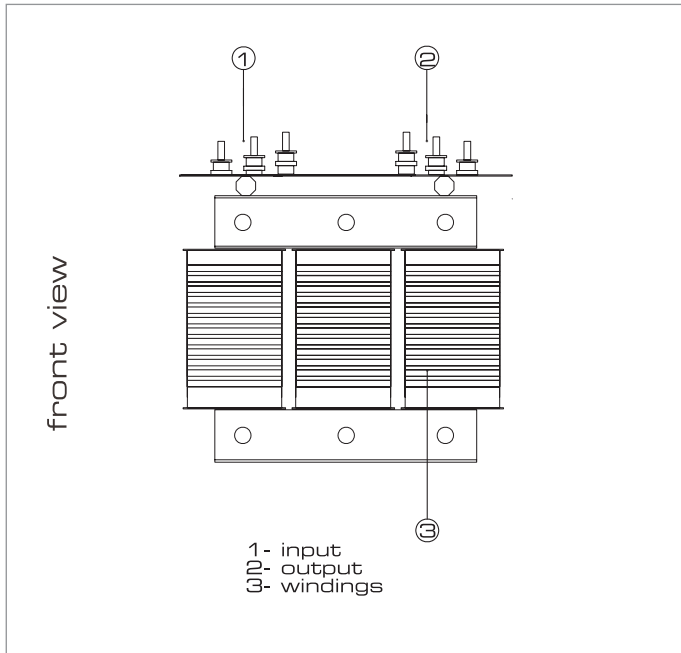
Applications

- Pump starting

Optional

- Thermal control
- Surge arrestor
- Fan (forced cooling)
- Metallic box





Characteristics

model		AUT
input	Nominal power	From 5 KVA up to 250 KVA
	Voltage	420VAC (380-420 optional)
	Frequency	50Hz
	Primary connection	Star(Y)
output	Voltage	70% of input voltage (optional 50, 60, 80%)
	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 Autotransformer capacity
	Dimensions WxDxH (mm)	
applicable standards		IEC 60076

