



FTC-1

230 VAC autotransformer with faston terminals

FTC-1 series are autotransformers for switchboard mounting. Typically, they are used to regulate the speed of fans with voltage controllable motors (single phase, 230 VAC / 50–60 Hz).

When selecting an autotransformer, it is important to take into account the maximum current capacity. The rated maximum current is available via every tap. All windings have the same wire gauge.

Key features

- Wide power range: 1,5–13 A
- Six output voltages available on the secondary side
- Resin encapsulated
- Primary / input voltage: 230 VAC
- Simple switchboard mounting thanks to robust mounting brackets
- Good corrosion protection

Technical specifications

Input voltage	230 VAC ±10 % / 50–60 Hz	
Dielectric strength	2.500 VAC	
Protection standard	IP20 (according to EN 60529)	
Ambient conditions	Temperature	max. 40 °C
	Rel. humidity	< 90 % rH (non-condensing)

Area of use

- Stepped control of fan speed or centrifugal pumps
- Suitable for installation in electrical cabinets or switchboards

Article codes

Article code	Rated max. current [A]
FTC-1-15L22	1,5 A
FTC-1-25L22	2,5 A
FTC-1-35L22	3,5 A
FTC-1-50L22	5 A
FTC-1-75L22	7,5 A
FTC-1100L22	10 A
FTC-1130L22	13 A

Secondary voltages

VAC	0	80	110	140	170	190	230
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Global trade item numbers (GTIN)

Article	Unit
FTC-1-15L22	05401003007174
FTC-1-25L22	05401003007181
FTC-1-35L22	05401003007198
FTC-1-50L22	05401003007204
FTC-1-75L22	05401003007211
FTC-1100L22	05401003007228
FTC-1130L22	05401003007235



Wiring and connections

L	Primary voltage, line (230 VAC / 50–60 Hz)
N	Primary voltage, neutral
Pe	Earth terminal

Standards

- Low Voltage Directive 2014/35/EU
 - EN 60529; EN IEC 61558-1
 - EN 61558-2-13
- EMC directive 2014/30/EU
- RoHS Directive 2011/65/EU - EN IEC 63000:2018



Wiring diagram

