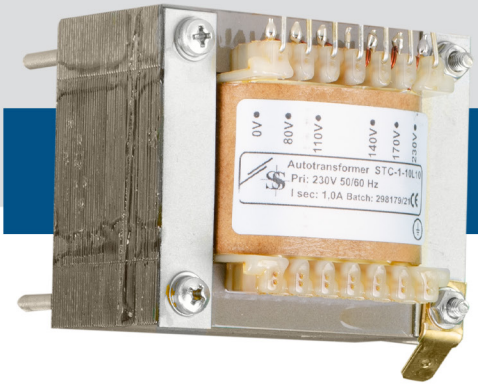


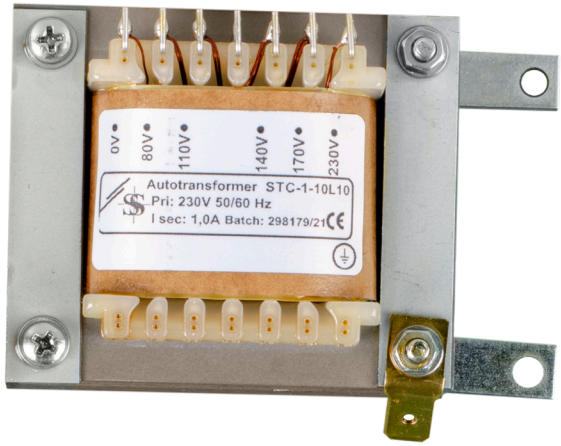

# STC-1-L10

## 230 VAC autotransformer with solder tags

The STC-1 series of autotransformers are compact transformers designed for switchboard mounting or applications requiring output voltages lower than the input voltage. They reduce the primary voltage in steps.

## Key features

- Wide power range: 1—13 A
- Four output voltages available at the secondary side
- Resin encapsulated
- Primary / input voltage: 230 VAC ±10 % / 50—60 Hz
- Simple switchboard mounting thanks to robust mounting brackets
- Good corrosion protection




## Technical specifications

| | | |
|---|---|---|
| Input voltage | | 230 VAC ±10 % |
| Frequency | | 50—60 Hz |
| Dielectric sensitivity | | 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

- Fan speed control in steps
- Suitable for installation in electrical cabinets or switchboards

## Wiring and connections

| | |
|---|---|
| **L** | Primary voltage, line (230 VAC / 50—60 Hz) |
| **N** | Primary voltage, neutral |
| **Pe** | Earth terminal |

## Article codes

| Article code | Rated max. current [A] |
|---|---|
| **STC-1-35L10** | 3,5 A |
| **STC-1-50L10** | 5 A |
| **STC-1-75L10** | 7,5 A |
| **STC-1100L10** | 10 A |
| **STC-1130L10** | 13 A |

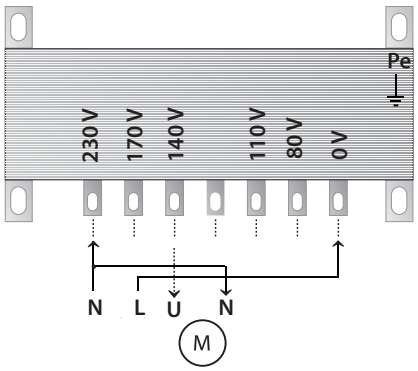
## Standards

- 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

## Output/ input voltages

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **VAC** | 0 | 80 | 110 | 140 | 170 | 170 | 230 |

## Wiring diagram




## Global trade item numbers (GTIN)

| Article | Unit |
|---|---|
| **STC-1-35L10** | 05401003015032 |
| **STC-1-50L10** | 05401003015070 |
| **STC-1-75L10** | 05401003015117 |
| **STC-1100L10** | 05401003015155 |
| **STC-1130L10** | 05401003015193 |