

## Operating Instructions TRONIC Transformer SNT 105-35



### 1. Safety instructions



**Attention: Electrical equipment must be installed and fitted by qualified electricians only.**

To prevent electric shocks, always shut off the mains supply (by cutting out the circuit-breaker) before working on the device or before replacing the lamp.

Non-observance of the safety and the fitting instructions may damage the device or cause other hazards.

### 2. Function

Use for 12 V halogen lamps. Only to be dimmed via Jung TRONIC-dimmer or Jung Universal dimmer.

**Never use dimmers from other manufacturers.**

**Using dimmers from other manufacturers may involve a risk of fire.**

### 3. Protection for overload and overtemperature

Automatic reduction of power to approx. 70% respectively switching-off at further warming up. Automatic restarting after cooling down.

### 4. Short-circuit protection:

Cut-off with automatic restarting after repair of the short-circuit.

### 5. Instruction for installation

TRONIC transformers are protected against transient overvoltages (mains voltage peaks) in acc. with EN 61547.

For the protection against higher overvoltages (caused by switching fluorescent lamps, discharge lamps, motors and by other inductive loads), install a separate load circuit for TRONIC transformer power units. Otherwise, defects of the transformer may be caused by spikes when the circuit is switched.

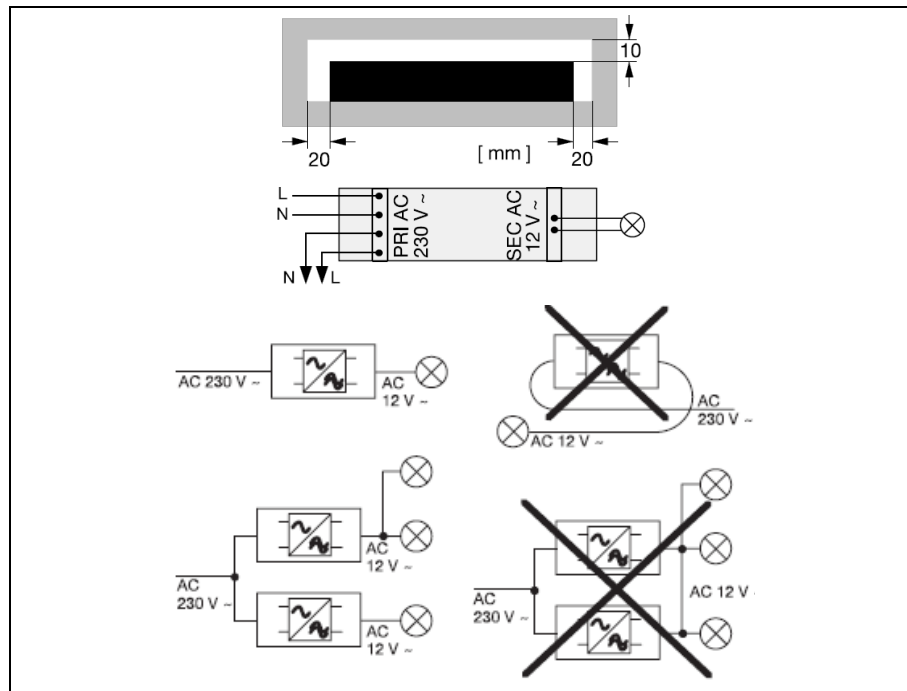
If there is a hazard of mains peaks, use an additional overvoltage protection unit (JUNG Art.-Nr. 221SF) at the primary end in parallel with the TRONIC transformer power units.

Please consider performance of transformer.

Underload may lead to flickering.

Install and connect as shown in the illustration. Keep double the distance from transformer to transformer.

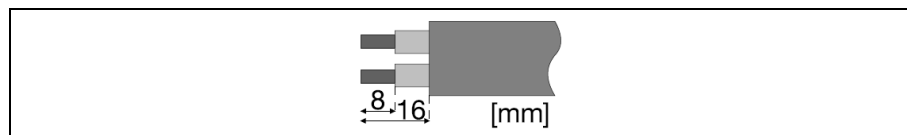
Avoid heat sources (e. g. lamps) in the vicinity of transformers. In critical cases, measure the temperature at the Tc point.



## 6. Secondary circuit maximum length 2 m (to keep interference suppression).

Do not connect the secondary circuit with other TRONIC transformers and do not lay it in the vicinity of the mains supply line.  
For the stripping lengths for the outer cable covering, refer to the illustration.

Recommended cross-section of secondary circuit: 2 x 1,5 mm<sup>2</sup>



## 7. Cable pull-relief

For mains with at least H 05 VV-F with Ø 7 - 8 mm.

Use lines of the same type only.

## 8. Technical Data

Design	172,5 x 42 x 18 mm
Rated load	35 ... 105 W T50
Rated voltage	AC 230 V ~
mains free frequency	50 / 60 Hz
Output voltage	11,8 V eff; ~ 40 kHz
Mains current	0,45 A (105W)
Maximum environmental temp.	50 °C
Maximum housing temperature	80 °C

## 9. Guarantee

Our products are under guarantee within the scope of the statutory provisions.

**Please return the unit postage paid to our central service department giving a brief description of the fault:**

ALBRECHT JUNG GMBH & CO. KG

Service-Center

Kupferstr. 17-19

D-44532 Lünen

Service-Line: +(49) 23 55 . 80 65 51

Telefax: +(49) 23 55 . 80 61 65

E-Mail: mail.vka@jung.de

### General equipment

Service-Line: +(49) 23 55 . 80 65 55

Telefax: +(49) 23 55 . 80 62 55


E-Mail: mail.vkm@jung.de

### KNX equipment

Service-Line: +(49) 23 55 . 80 65 56

Telefax: +(49) 23 55 . 80 62 55

E-Mail: mail.vkm@jung.de

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