

## Transformers

### Series T



#### Function

Reducing the voltage to a very low (safety) voltage used mainly as control-voltage in order to reduce the risk of electrocution due to environmental circumstances (i.e. high degree of humidity like outdoors, in a swimming pool complex, etc.).

#### Approvals<sup>(1)</sup>



(1) Depending on the type

#### Performance

#### Applications



Going from supplying power to a bell circuit, to supplying power to the control circuit of impulse switches, relays or contactors for the control of lighting, heating, etc.

#### Features

Safety transformers have short-circuit protection and continuous nominal power. Bell transformers are recommended for intermittent use at the nominal power declared (50% for continuous use). Devices with integrated on/off switch or with integrated buzzer are available. Complete noiseless operation. Full power available at all secondary voltages. The safety terminals are equipped with captive Pozidriv screws and have IP20 protection degree.

#### Standards

IEC 61558-1-2-6: Safety transformer

IEC 61558-1-2-8: Bell transformer


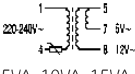

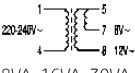

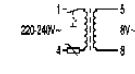


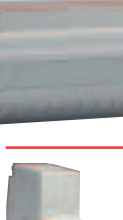
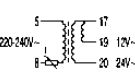

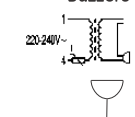

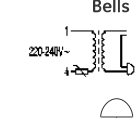
	Bell transformer	Safety transformer
Nominal primary voltage and frequency	230V 50Hz / 240V 60Hz	230V 50Hz / 240V 60Hz
Secondary voltage at nominal primary voltage	8 or 12V	12 or 24V
Maximum secondary voltage at zero load	1.5xUn sec.	1.05xUn sec.
Minimum secondary voltage at nominal load	0.85xUn sec.	1xUn sec.
Maximum load	Nominal power	Nominal power
Short-circuit protection	PTC	PTC
Operating temperature	-20...+40°C	-20...+40°C
Isolation voltage	4kV	4kV
Protection degree	IP 20	IP 20
Screw	Pozidriv 1	Pozidriv 1
Terminal capacity: min	1x1mm <sup>2</sup>	1x1mm <sup>2</sup>
max	1x16mm <sup>2</sup> or 2x6mm <sup>2</sup>	1x16mm <sup>2</sup> or 2x6mm <sup>2</sup>

More technical data ● website

Dimensions ● pg D.47



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		Output power	Secondary voltages	Primary voltage	Number of modules	Cat. No.	Ref. No.	Pack.	
	<b>Bell transformer</b>  5VA, 10VA, 15VA	5VA	8/12V	220..240V	2	TR B 5	666638	1	
		10VA	8/12V	220..240V	2	TR B 10	666636	1	
		15VA	8/12V	220..240V	2	TR B 15	666637	1	
		<b>Bell transformer</b>  8VA, 16VA, 30VA	8VA	12/24V	220..240V	2	TR B 8	666650	1
			16VA	12/24V	220..240V	2	TR B 16	666651	1
			30VA	12/24V	220..240V	2	TR B 30	666652	1
	<b>Bell transformer integrated on-off switch</b>  8VA	8VA	8/12V	220..240V	2	TR B 8S	666640	1	
	<b>Safety transformer</b>  25VA 40VA	15VA	12/24V	220..240V	3	TR S 15	666641	1	
		25VA	12/24V	220..240V	4	TR S 25	666642	1	
	40VA	12/24V	220..240V	4	TR S 40	666643	1		
	<b>Safety transformer</b>  63VA	63VA	12/24V	220..240V	6	TR S 63	666644	20	
	<b>Buzzers</b>  220..240V			220..240V	1	BU 230	666629	12	
				12V	1	BU 12	666630	12	
	<b>Bells</b>  220..240V			220..240V	1	BE 230	666632	12	
				12V	1	BE 12	666633	12	

Series T

A

B

C

D

E

F

G

X

