

## Control- and safety isolating- resp. isolating transformer TT1 1-4-23



### Advantages

Safe galvanic isolation
Patented assembly technology
Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation
Primary side $\pm 5\%$ tapplings for voltage adjustment
Fixed, contact protected screw connection terminals complying with UVV BGV A3
Multifunctional fixing rails with 8 oval slots
Space saving, thanks to horizontal design
Integrated crane eyes
Non-slip terminals

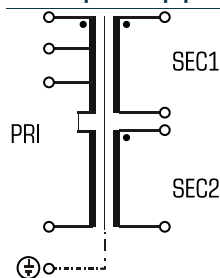
### Applications

Isolating transformer for the safe electrical isolation of the input and output sides. The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

As a control transformer for the electrical isolation of the input and output sides. The construction of the transformer to supply control systems according to VDE 0113 is designed.

As a safety isolating transformer for the safe electrical isolation of the input and output sides. The transformer is suitable for creating SELV and PELV circuits because of the limit on the output voltage.

### Sample application



### Standards

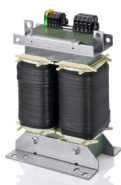


Control transformer  
to: VDE 0570 Teil 2-2, DIN EN 61558-2-2, EN 61558-2-2, IEC 61558-2-2,  
UL 5085-1/-2, CSA 22.2 No.66  
Isolating transformer  
to: VDE 0570 Part 2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4,  
UL 5085-1/-2, CSA 22.2 No.66

### Approvals



UL 5085, CSA 22.2 (E 103521)



# Control- and safety isolating- resp. isolating transformer

## TT1 1-4-23

### Electrical data

Type	TT1 1-4-23
Operating data	
Short circuit voltage uK	ca. 7,2%
Input	
Rated input current	2,9 A /2,7 A /2,6 Aac
Rated input voltage	380 Vac /400 Vac /420 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output current	4,3 Aac
Rated output voltage	2 x 115 Vac
Rated power VDE (DB cos phi=1)	1000 VA
Rated power VDE (KB cos phi=0.5)	2270 VA
Vector group	lii0
Efficiency	92%
Standards	
Classification	Control- and isolating transformer
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	40 °C
Cooling method	AN
Safety and protection	
Class of Insulation System	VDE=F, UL=class 155
Protection index	IP 00
Safety class (prepared)	I
Type	open type
Short circuit strength	non-short-circuit proof
Order numbers	
Order Number	TT1 1-4-23

### Mechanical data

Type	TT1 1-4-23
Terminal and mounting	
Fixing method	Fixing rail
Fixing screws	M6
Terminals	Screw-type terminal
Measures and weights	
Core type	UI 114/40
Weight	9.10 kg
Dimensions W x H x D	150 x 220 x 125 mm