

Control- and safety isolating- resp. isolating transformer ST 2000/69/23



Picture shows ST 160/23-23

Advantages

- Very good switch-on behaviour thanks to reduced starting currents
- High performance for the volume thanks to compact design
- Primary side $\pm 5\%$ % tapings for voltage adjustment
- Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation
- Contact protected screw connection terminals complying with UVV BGV A3
- Simple mounting thanks to robust metal footplate with oval slots

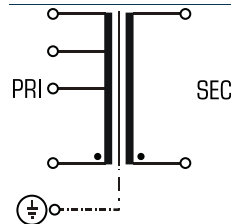
Applications

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 an 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 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



Isolating transformer
to: VDE 0570 Part 2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4
Control transformer
to: VDE 0570 Teil 2-2, DIN EN 61558-2-2, EN 61558-2-2, IEC 61558-2-2

Approvals



Control- and safety isolating- resp. isolating transformer ST 2000/69/23

Type		ST 2000/69/23
Electrical data	Input	
	Rated input voltage	690 Vac
	Tappings Input	±5 %
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	230 Vac
	Rated power VDE (DB cos phi=1)	2000 VA
	Rated power VDE (KB cos phi=0,5)	10900 VA
	No-load voltage (app. x factor)	1.03
	Efficiency	96 %
	Approvals	
	Approvals	-
	Environment	
	Ambient temperature max.	40 °C
	Cooling method	self-cooling
Safety and protection		
Type	open type	
Class of Insulation System	B	
Protection index	IP 00	
Safety class (prepared)	I	
Short circuit strength	non-short-circuit proof	
PRI Fusing recommendation by circuit breaker with tripping characteristic type 20 x I _{rated} related to set)		
Setting range	2.50 - 4.00 A	
Setting value	3.00 A	
Order numbers		
Order Number	ST 2000/69/23	

Type		ST 2000/69/23
Mechanical data	Terminal and mounting	
	Terminals	Screw-type terminals, PE 6.3 x 0.8
	Fixing method	Base plate
	Fixing screws	M8
Measures and weights		
Weight	21.00 kg	

