

Control- and safety isolating- resp. isolating transformer

STEU 100/24



Advantages

Dual input voltage 230 and 400 Vac

Very good switch-on behaviour thanks to reduced starting currents

High performance for the volume thanks to compact design

Primary side ± 15 V tapings for voltage adjustment

Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation

Quick to cable up thanks to the use of spring-loaded terminals

Contact protected screw connection terminals complying with UVV BGV A3

Simple mounting thanks to robust metal footplate with oval slots

Up to 250 VA with combination footplate for bolted and rail mounting

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 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.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

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
Safety isolating transformer
to: VDE 0570 Teil 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6, UL
5085-1/-2, CSA 22.2 No.66

Approvals

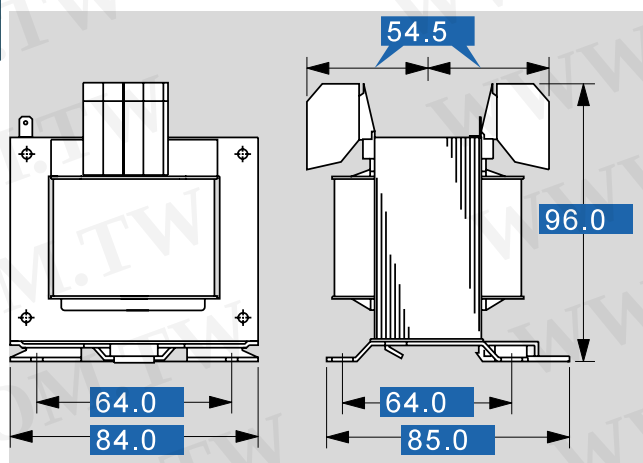




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Electrical data	Type	STEU 100/24
Input		
Rated input Voltage		230/400 Vac
Tappings Input		±15 V
Rated frequency		50 - 60 Hz
Output		
Rated output voltage		2 x 12 Vac
Rated power VDE (DB cos phi=1)		100 VA
Rated power VDE (KB cos phi=0.5)		310 VA
No-load voltage (app. x factor)		1.07
Efficiency		86 %
Standards		
Classification		Control- and safety isolating transformer
Approvals		
Approvals		cURus
Environment		
Ambient temperature max.		40 °C
Cooling method		self cooling
Safety and protection		
Type		open type
Class of Insulation System		VDE=B, UL=class 130
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 Irated related to set)		
Setting range 230 ±15 Vac		0.40 - 0.63 A
Setting value 230 ±15 Vac		0.50 A
Setting range 400 ±15 Vac		0.25 - 0.40 A
Setting value 400 ±15 Vac		0.29 A
Order numbers		
Order Number		STEU 100/24

Mechanical data	Type	STEU 100/24
Terminal and mounting		
Terminals		Spring terminal, PE 6.3 x 0.8
Fixing method		Dual purpose base plate also for installation on mounting rails
Fixing screws		M4
Measures and weights		
Weight		2.10 kg



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