

Control- and safety isolating- resp. isolating transformer **STEU 800/24**



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.

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



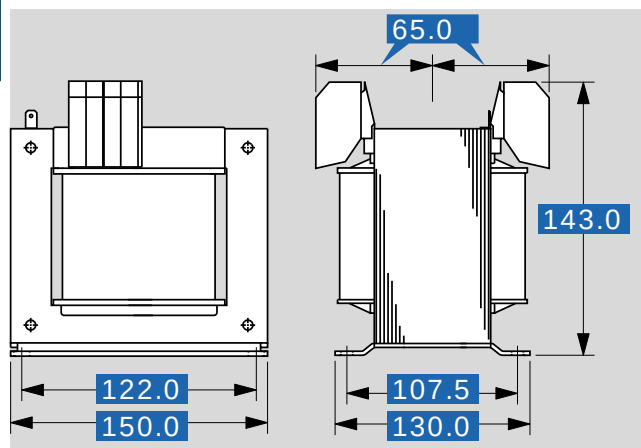
UL 5085-1/-2, CSA 22.2 No.66



Control- and safety isolating- resp. isolating transformer STEU 800/24

Electrical data		Type	STEU 800/24
Electrical data	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)		800 VA
	Rated power VDE (KB cos phi=0.5)		3400 VA
	No-load voltage (app. x factor)		1.03
	Efficiency		94 %
Mechanical data	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 I rated related to set)		
	Setting range 230 ±15 Vac		2.50 - 4.00 A
	Setting value 230 ±15 Vac		3.70 A
	Setting range 400 ±15 Vac		1.60 - 2.50 A
	Setting value 400 ±15 Vac		2.20 A
	Order numbers		
	Order Number		STEU 800/24

Mechanical data		Type	STEU 800/24
Mechanical data	Terminal and mounting		
	Terminals		Spring terminal, PE 6.3 x 0.8
	Fixing method		Base plate
	Fixing screws		M6
	Measures and weights		
	Weight		10.30 kg



Subjects to change.