STEU 250/48



Advantages

Dual input voltage 230 and 400 Vac

Reduced inrush current

High power density due to a compact construction design

Primary side ±15 V taps for voltage adjustment

Very good corrosion protection and low noise due to BLOCK IMPEX vacuum

Fast installation because of the use of push-in terminals

Contact protected screw connection terminals complying with UVV BGV A3

Simple mounting due to robust metal footplate with oval slots

DIN rail clamp included up to 250 VA

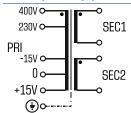
Applications

As a control transformer for the electrical isolation of the input and output sides. The construction of the transformer is designed to supply control systems according to EN 60204.

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 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











Control- and isolating transformer **STEU 250/48**

Type	STEU 250/48
Input Rated input voltage	
Rated input voltage	230/400 Vac
Tappings Input	±15 V
Rated frequency	50 - 60 Hz
Rated frequency Output	
Rated output voltage	2 x 24 Vac
Rated output voltage Rated power VDE (DB cos phi=1) Rated power VDE (KB cos phi=0.5) No-load voltage (app. x factor)	250 VA
Rated power VDE (KB cos phi=0.5)	850 VA
No-load voltage (app. x factor)	1.07
Efficiency	88 %
Standards	
Classification	Control- and isolating transformer
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	104.0 °F
Type of cooling	self-cooling
Safety and protection	
Туре	Open type
Insulation class	VDE=B, UL=class 130
Protection index	IP 00
Safety class (prepared)	1
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	1.00 - 1.60 A
Setting value 230 ±15 Vac	1.2 A
Setting range 400 ±15 Vac	0.63 - 1.00 A
Setting value 400 ±15 Vac	0.7 A
Order numbers	
Order Number	STEU 250/48

