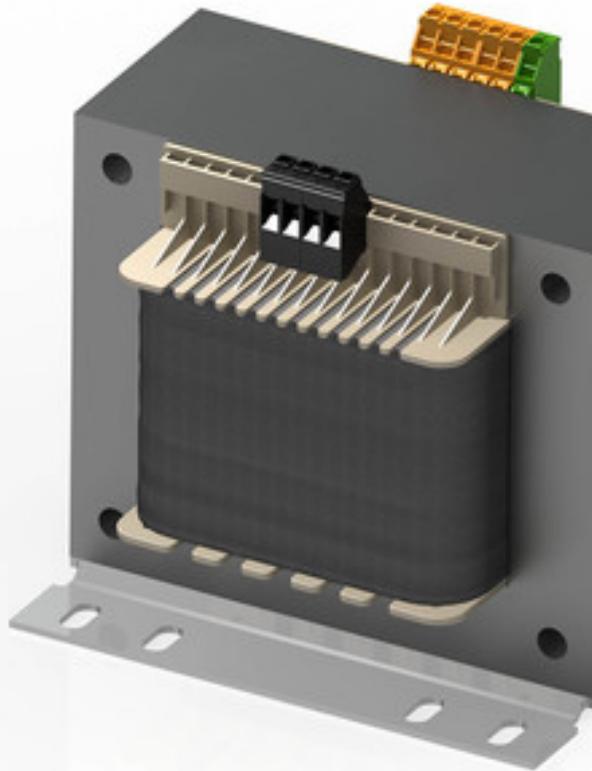


Control- and isolating transformer
STSU 630/23



Picture shows STSU 1600/23

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 Teil 2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4
UL 1561, CSA 22.2 No.66

Advantages

- Dual input voltage 230 and 400 Vac
 - Shielding winding between input and output
 - Very good switch-on behaviour thanks to reduced starting currents
 - High power density due to a compact construction design
 - Primary side ±15 V tappings for voltage adjustment
 - Very good corrosion protection and low noise thanks to BLOCK IMPEX vacuum impregnation
 - Contact protected screw connection terminals complying with UVV BGV A3
 - Simple mounting thanks to robust metal footplate with oval slots
 - 63 - 250 VA with combination footplate for bolted and rail mounting

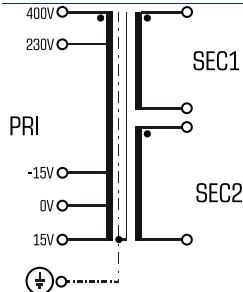
Applications

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

Sample application



Approvals



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



Control- and isolating transformer **STSU 630/23**

Electrical data

Type	STSU 630/23
Input	
Rated frequency	50 - 60 Hz
Rated input voltage	230/400 Vac
Tappings Input	±15 V
Output	
Efficiency	92.4 %
No-load voltage (app. x factor)	1.04
Rated output voltage	2 x 115 Vac
Rated power VDE (DB cos phi=1)	630 VA
Rated power VDE (KB cos phi=0.5)	2,350 VA
Standards	
Classification	Control- and isolating transformer
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	40 °C
Type of cooling	self-cooling
Safety and protection	
Insulation class	VDE=B, UL=class 130
Protection index	IP 00
Safety class (prepared)	I
Type	Open type
Short circuit strength	non-short-circuit proof
Order numbers	
Order Number	STSU 630/23

Mechanical data

Type	STSU 630/23
Terminal and mounting	
Fixing method	Base plate
Fixing screws	M6
Terminals Input	Screw clamp, 4 mm ² + Tab connector, 6.3 x 0.8 mm
Terminals Output	Screw clamp, 4 mm ² + Tab connector, 6.3 x 0.8 mm
Terminals PE	Screw-type terminal, 4 mm ²
Measures and weights	
Weight	8.00 kg

