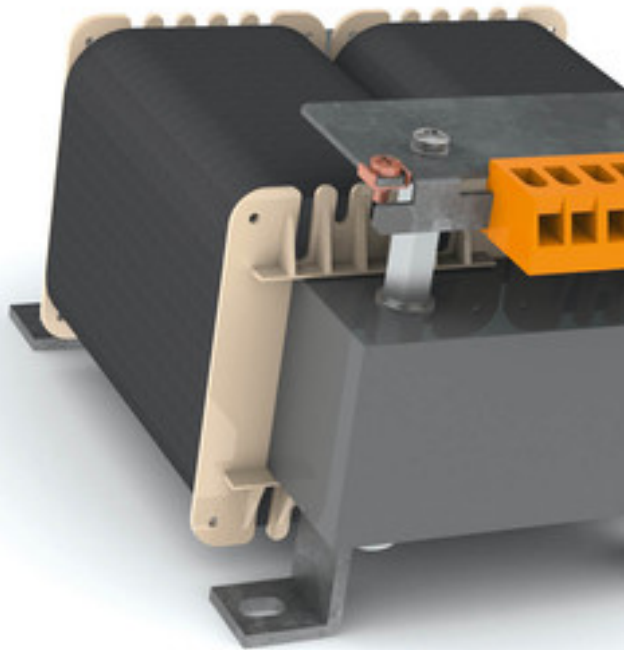


## Control transformer **BUST 1600/4/42**



Picture shows BUST 1600/4/23

### Advantages

High power density due to a compact construction design

Primary side  $\pm 5\%$  % tapings for voltage adjustment

Very good corrosion protection and low noise thanks to BLOCK IMPEX vacuum impregnation

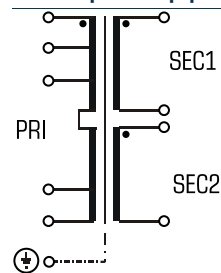
Contact protected screw connection terminals complying with UVV BGV A3

Low height

### Applications

Control transformer for the electrical isolation of the input and output sides. The design of the transformer makes it suitable for the supply of control systems complying with EN 60204.

### 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

### Approvals



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



## Control transformer BUST 1600/4/42



### Electrical data

Type	BUST 1600/4/42
<b>Input</b>	
Rated input voltage	400 Vac
Tappings Input	±5 %
Low-inrush current	typ. rated current up to 12 times
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	42 Vac
Rated power VDE (DB cos phi=1)	1,600 VA
Rated power VDE (KB cos phi=0.5)	4,300 VA
Efficiency	93.3 %
<b>Approvals</b>	
Approvals	cURus
<b>Environment</b>	
Ambient temperature max.	40 °C
Type of cooling	self-cooling
<b>Safety and protection</b>	
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
PRI Fusing recommendation by circuit breaker with tripping characteristic type 20 x I <sub>rated</sub> related to set)	
Setting range	4.00 - 6.30 A
Setting value	4.30 A
<b>Order numbers</b>	
<b>Order Number</b>	<b>BUST 1600/4/42</b>



### Mechanical data

Type	BUST 1600/4/42
<b>Terminal and mounting</b>	
Fixing method	Fixing rail
Fixing screws	M6
Terminals Input	Screw clamp, 2.5 mm <sup>2</sup>
Terminals Output	Screw clamp, 6 mm <sup>2</sup>
Terminals PE	Screw-type terminal, 4 mm <sup>2</sup>
<b>Measures and weights</b>	
Weight	16.00 kg

