

## Universal control- and safety isolating- resp. isolating transformer **USTE 1000/2x115**



### Advantages

Universal input voltages 208 to 600 Vac
Very good switch-on behaviour thanks to reduced starting currents
High performance for the volume thanks to compact design
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 isolating 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

### Approvals



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



# Universal control- and safety isolating- resp. isolating transformer USTE 1000/2x115

Electrical data		Type	USTE 1000/2x115
	<b>Input</b>		
	Rated input Voltage		208 Vac/230 Vac/380 Vac 400 Vac/415 Vac/440 Vac 460 Vac/480 Vac/500 Vac 525 Vac/550 Vac/575 Vac 600 Vac
	Rated frequency		50 - 60 Hz
	<b>Output</b>		
	Rated output voltage		2 x 115 Vac
	Rated power VDE (DB cos phi=1)		1000 VA
	Rated power VDE (KB cos phi=0.5)		5000 VA
	No-load voltage (app. x factor)		1.02
	Efficiency		94 %
	<b>Standards</b>		
	Classification		Control- and isolating transformer
<b>Approvals</b>			
	Approvals		cURus
<b>Environment</b>			
	Ambient temperature max.		40 °C
	Cooling method		self cooling
<b>Safety and protection</b>			
	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
<b>Short circuit proof and overload proof*</b>			
	Setting range 208 - 230 Vac		4.00 - 6.30 A
	Setting value 208 - 230 Vac		5.00 A
	Setting range 380 - 415 Vac		2.50 - 4.00 A
	Setting value 380 - 415 Vac		2.70 A
	Setting range 440 +20 Vac		1.60 - 2.50 A
	Setting value 440 +20 Vac		2.40 A
	Setting range 500 -20/+25 Vac		1.60 - 2.50 A
	Setting value 500 -20/+25 Vac		2.20 A
	Setting range 575 ±25 Vac		1.60 - 2.50 A
	Setting value 575 ±25 Vac		1.90 A
<b>Order numbers</b>			
	Order Number		USTE 1000/2x115

Mechanical data		Type	USTE 1000/2x115
	<b>Terminal and mounting</b>		
	Terminals		Spring terminals, PE 6.3 x 0.8
	Fixing method		Base plate
	Fixing screws		M6
	<b>Measures and weights</b>		
	Weight		13.80 kg

