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## Advantages

Minimum size at high output

Also with dual output voltage for series or parallel connection

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation

Coil shell in 2-chamber technology

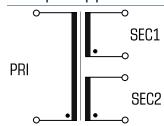
Self-extinguishing potting material

## **Applications**

As a mains transformer for adjustment of the voltage and simple electrical

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  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($ of the limit on the output voltage.

## Sample application



Standards



Safety isolating transformer to: VDE 0570 Part 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** 





ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66





## Safety isolating transformer **VC 5,0/2/12**

Classification Safety isolating transformer	Туре	VC 5,0/2/12	Туре	VC 5,0/2/12
Rated requency Output Rated output voltage Rated power No-load voltage (app. x factor) No-load loss (tp.) Fifticiency Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Safety class (prepared) Short circuit strength Order numbers  Protection index Safety isolating transformer In minimals Print of Hz  Measures and weights  Measures and weights  Pin (a)  0.8 mm Core type Weight  0.19 kg  Measures and weights  Pin (a)  0.8 mm Core type Weight  0.19 kg  Weight  15.0  44.0  17.0  18.0  19.0	Input		Terminal and mounting	
Output Rated output voltage		230 Vac	Terminals	Pins for printed circuit boards
Output Rated output voltage	Rated frequency	50 - 60 Hz	Measures and weights	5
Rated Power 5.0 VA No-load voltage (app. x factor) 1.25 No-load voltage (app. x factor) 1.50 W Efficiency 68 96 Standards Classification Approvals Approvals Environment Ambient temperature max. 50 °C Safety and protection Type Encapsulated Class of Insulation System VDE-B, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Order numbers	Output		Pin Ø	
Classification Approvals Approvals  Curus, ENEC (VDE)  Environment  Ambient temperature max.  So °C  Safety and protection  Type Class of Insulation System Protection index Protection index IP 00  Safety class (prepared) Short circuit strength Order numbers	Rated output voltage	2 x 12 Vac	Core type	EI 42/14,8
Classification Approvals  Approvals  Approvals  Curus, ENEC (VDE)  Environment  Ambient temperature max.  Safety and protection  Type  Class of Insulation System  Protection index  IP 00  Safety class (prepared)  Short circuit strength  Order numbers	Rated Power	5.0 VA		0.19 kg
Classification Approvals  Approvals  Approvals  CURus, ENEC (VDE)  Environment  Ambient temperature max.  Safety and protection  Type  Class of Insulation System  Protection index  Safety class (prepared)  Short circuit strength  Order numbers  Safety isolating transformer  25.0  PRU SEC  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  44.0  25.0  15.0  44.0  25.0  44.0  25.0  44.0  25.0  44.0  25.0  44.0  46.0  47.0	No-load voltage (app. x factor)	1.25	은	
Classification Approvals  Approvals  Approvals  CURus, ENEC (VDE)  Environment  Ambient temperature max.  Safety and protection  Type  Class of Insulation System  Protection index  Safety class (prepared)  Short circuit strength  Order numbers  Safety isolating transformer  25.0  PRU SEC  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  44.0  25.0  15.0  44.0  25.0  44.0  25.0  44.0  25.0  44.0  25.0  44.0  46.0  47.0	No-load loss (typ.)		(c)   <b>∠</b> 25.0   <b>►</b>	
Classification Approvals  Approvals  Approvals  CURus, ENEC (VDE)  Environment  Ambient temperature max.  Safety and protection  Type  Class of Insulation System  Protection index  Safety class (prepared)  Short circuit strength  Order numbers  Safety isolating transformer  25.0  PRU SEC  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  44.0  25.0  15.0  44.0  25.0  44.0  25.0  44.0  25.0  44.0  25.0  44.0  46.0  47.0	Efficiency	68 %	100	
Classification Approvals Approvals  Environment  Ambient temperature max.  Safety and protection  Type Class of Insulation System Protection index Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers  Safety isolating transformer  25.0  PRI SEC 15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  15.0  44.0  25.0  44.0  25.0  44.0  26.0  27.0  37.0	Standards		ŽI IH H	33.0
Approvals Environment  Ambient temperature max.  Safety and protection  Type Encapsulated Class of Insulation System VDE=B, UL=class 105 Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers	Classification	Safety isolating transformer	<b>→</b>   •	5.0
Approvals Environment  Ambient temperature max.  So °C  Safety and protection  Type Encapsulated Class of Insulation System VDE=B, UL=class 105 Protection index IP 00  Safety class (prepared) Short circuit strength Order numbers	Approvals		25.0 PRI SEC	15.0 44.0
Ambient temperature max.  Safety and protection  Type Encapsulated  Class of Insulation System VDE=B, UL=class 105  Protection index IP 00  Safety class (prepared) II  Short circuit strength non-short-circuit proof  Order numbers	Approvals	cURus, ENEC (VDE)	<b>→</b>	5.0
Safety and protection  Type Encapsulated  Class of Insulation System VDE=B, UL=class 105  Protection index IP 00  Safety class (prepared) II  Short circuit strength non-short-circuit proof  Order numbers	Environment			* T * T
Type Encapsulated Class of Insulation System VDE=B, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Order numbers	Ambient temperature max.	50 °C		<u> </u>
Class of Insulation System  VDE=B, UL=class 105  Protection index  IP 00  Safety class (prepared)  II  Short circuit strength  Order numbers	Safety and protection		37.0	→
Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Order numbers	Туре	Encapsulated		
Safety class (prepared)  Short circuit strength  Order numbers	Class of Insulation System	VDE=B, UL=class 105		
Short circuit strength non-short-circuit proof Order numbers	Protection index	IP 00		
Order numbers	Safety class (prepared)	II		
	Short circuit strength	non-short-circuit proof		
Order Number VC 5,0/2/12	Order numbers			
	Order Number	VC 5,0/2/12		







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Product	Code	Reference	Product link
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