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Advantages

Minimum size at high output

Inherently short-circuit proof

Dual input voltage for series or parallel connection

Also with dual output voltage for series or parallel connection

Designed for high ambient temperatures

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

Coil shell in 2-chamber technology

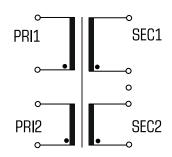
Self-extinguishing potting and hood material

Applications

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

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



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



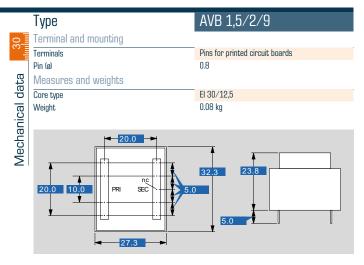
UL 5085-1/-2, CSA 22.2 No.66





Safety isolating transformer **AVB 1,5/2/9**

Input Rated input voltage Rated frequency 50 - 60 Hz		Туре	AVB 1,5/2/9
Rated input voltage Rated frequency Output Rated output voltage Rated Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency 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 50 - 60 Hz 2 x 9 Vac 1.50 VA 1.39 1.00 W 57 % Safety isolating transformer CURUS CURUS Encapsulated VDE=B, UL=class 105 IP 00 Safety class (prepared) II Inherently short-circuit proof Order numbers	Ĵ٢	Input	
Output Rated output voltage	1+	Rated input voltage	2 x 115 Vac
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer CURus EURus EURus ELRus EURus EIURus EI		Rated frequency	50 - 60 Hz
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer CURus EURus EURus ELRus EURus EIURus EI	ta	Output	
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer CURus EURus EURus ELRus EURus EIURus EI	g	Rated output voltage	2 x 9 Vac
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer CURus EURus EURus ELRus EURus EIURus EI	В	Rated Power	1.50 VA
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer CURus EURus Encapsulate VDC Safety and protection Type Incapsulated VDE=B, UL=class 105 IP 00 III Short circuit strength III Inherently short-circuit proof	.은	No-load voltage (app. x factor)	1.39
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer CURus EURus Encapsulate VDC Safety and protection Type Incapsulated VDE=B, UL=class 105 IP 00 III Short circuit strength III Inherently short-circuit proof	당	No-load loss (typ.)	1.00 W
Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer CURus EURus EURus ELRus EURus EIURus EI	음	Efficiency	57 %
Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers	ш.	Standards	
Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers		Classification	Safety isolating transformer
Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers IO °C Encapsulated VDE-B, UL=class 105 IP 00 II Short circuit strength III Inherently short-circuit proof		Approvals	
Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Protection index Safety class (prepared) Short circuit strength Order numbers 70 °C Encapsulated VDE=B, UL=class 105 IP 00 II inherently short-circuit proof		Approvals	cURus
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 inherently short-circuit proof Order numbers		Environment	
Type Encapsulated Class of Insulation System VDE=B, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength inherently short-circuit proof Order numbers		Ambient temperature max.	70 ℃
Class of Insulation System Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers VDE=B, UL=class 105 IP 00 III Short-circuit proof		Safety and protection	
Protection index Safety class (prepared) Short circuit strength Order numbers IP 00 II Short-circuit proof		Туре	Encapsulated
Safety class (prepared) Short circuit strength Order numbers		Class of Insulation System	VDE=B, UL=class 105
Short circuit strength Order numbers		Protection index	IP 00
Order numbers		Safety class (prepared)	
		Short circuit strength	inherently short-circuit proof
Order Number AVB 1,5/2/9		Order numbers	
		Order Number	AVB 1,5/2/9









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Product	Code	Reference	Product link
Short circuit proof PCB transformer short circuit proof, encapsulated, PRI 2 x 115 Vac, SEC $0.35 - 3.2$ VA, $2 \times 6 - 2 \times 24$ Vac	AVB1529	AVB 1,5/2/9	Buy on EAN