AVB 1,0/2/18



Advantages

Minimum size at high output

Unconditionally short-circuit proof

Double input voltage for series or parallel connection

Also with double output voltage for series or parallel connection

Designed for high ambient temperatures

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDensiFill 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.

Circuit Diagram

کار		0	0504
PRI 1 } }	SEC 1	PRI 1	SEC 1
حاك ا	•	-	
·	 -		· °
PRI2 3	SEC 2	·	،
	•	PRI2 3	SEC 2
٠-١٠		رنس	-

Standards



Mains transformer to: VDE 0570 Teil 2-1, DIN EN 61558-2-1, EN 61558-2-1, IEC 61558-2-1, UL 5085-1/-2, CSA 22.2 No.66

Approvals



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





Short circuit proof PCB transformer **AVB 1,0/2/18**

Input Rated input Voltage Rated frequency Output Rated output voltage Rated Power No-load voltage (app. x factor) No-load loss (typ.) Standards Classification Approvals Approvals Environment Ambient temperature max. Safety and protection		Туре	AVB 1,0/2/18
Rated input Voltage Rated frequency Output Rated output voltage Rated Power Rated Power Ro-load voltage (app. x factor) No-load loss (typ.) Efficiency Standards Classification Approvals Approvals Environment Ambient temperature max. 2 x 18 Vac 2 x 18 Vac 1.00 VA 1.32 0.90 W Efficiency 55 % Mains transformer CURus Environment Ambient temperature max.	Ĵ٢	Input	
Coutput			2 x 115 Vac
Standards Classification Approvals Approvals Environment Ambient temperature max. Mains transformer CURus 70 °C		Rated frequency	50 - 60 Hz
Standards Classification Approvals Approvals Environment Ambient temperature max. Mains transformer CURus 70 °C	53	Output	
Standards Classification Approvals Approvals Environment Ambient temperature max. Mains transformer CURus 70 °C	9	Rated output voltage	2 x 18 Vac
Standards Classification Approvals Approvals Environment Ambient temperature max. Mains transformer CURus 70 °C	ō	Rated Power	1.00 VA
Standards Classification Approvals Approvals Environment Ambient temperature max. Mains transformer CURus 70 °C	.은	No-load voltage (app. x factor)	1.32
Standards Classification Approvals Approvals Environment Ambient temperature max. Mains transformer CURus 70 °C	Sct	No-load loss (typ.)	
Standards Classification Approvals Approvals Environment Ambient temperature max. Mains transformer CURus 70 °C	吕	Efficiency	55 %
Approvals Approvals CURus Environment Ambient temperature max. 70 °C		Standards	
Approvals Environment Ambient temperature max. 70 °C		Classification	Mains transformer
Environment Ambient temperature max. 70 °C		Approvals	
Ambient temperature max. 70 °C		Approvals	cURus
		Environment	
Safety and protection		Ambient temperature max.	70 ℃
		Safety and protection	
Type encapsulated		Туре	encapsulated
Class of Insulation System VDE=B, UL=class 105		Class of Insulation System	VDE=B, UL=class 105
Protection index IP 00		Protection index	IP 00
Safety class (prepared)		Safety class (prepared)	
Short circuit strength inherently short-circuit proof		Short circuit strength	inherently short-circuit proof
Order numbers		Order numbers	
Order Number AVB 1,0/2/18		Ondon Numbon	AVR 1 0/2/18

