

Autotransformer PVAT3



General Data

Input rated voltage 3 x 690 Vac
Output rated voltage 3 x 400 Vac
Rated power 650 - 1386 VA
Ambient temperature +60° C
Protection index IP 00

Advantages

Low weight and small size (compared to isolating transformers)
Very high efficiency
Very good corrosion protection and low noise thanks to vacuum impregnation
Quick to cable up thanks to the use of spring-clamp terminals

Applications

Autotransformers to adjust the supply voltage of three-phase switching power supplies from 690 Vac to 400 Vac.

Standards



Autotransformer
to: VDE 0570 Teil 2-13, DIN EN 61558-2-13, EN 61558-2-13,
IEC 61558-2-13, UL 5085-1/-2, CSA 22.2 No.66

Approvals



UL 506, CSA 22.2



Autotransformer PVAT3

		PVAT3 20	PVAT3 40	
Electrical data	Typ	PVAT3 20	PVAT3 40	
	Input			
	Rated input voltage	3 x 690 Vac	3 x 690 Vac	
	Frequency range	50 - 60 Hz	50 - 60 Hz	
	Output			
	Rated output voltage	3 x 400 Vac	3 x 400 Vac	
	Rated Power	650 VA	1386 VA	
	Rated current	3 x 0.94 A	3 x 2.0 A	
	Vector group	Ya0	Ya0	
	Approvals			
	Approvals	cURus	cURus	
	Environment			
	Ambient temperature max.	60° C	60° C	
	Safety and protection			
Type	Closed type	Closed type		
Insulation class	F	F		
Protection index	IP 00	IP 00		
Safety class (prepared)	I	I		
Short circuit strength	non-short-circuit proof	non-short-circuit proof		
Order numbers				
Order Number		PVAT3 20	PVAT3 40	
Mechanical data	Terminal and mounting			
	Terminals Input	Spring clamp terminal, 4 mm ²	Spring clamp terminal, 4 mm ²	
	Terminals Output	Supply cable 4 x 1.5 mm ²	Supply cable 4 x 1.5 mm ²	
	Fixing method	Straps at the case	Straps at the case	
	Measures and weights			
	Weight	4.60 kg	6.60 kg	
	Core type	3UI 75/26,5	3UI 75/41,5	
	Dimension picture (in mm)	1	1	
	A	72	90	
	B	170	170	
	C	215	215	
D	47.5	63		
E	145	145		
F	350	350		

Dimension pictures

