

Autotransformer

JET



General Data

Rated input voltage 110 Vac
Rated output voltage 230 Vac
Rated power 250 - 1000 VA
Insulation class A
Maximum ambient temperature 40 °C
Efficiency up to 96 %
Degree of protection IP 22

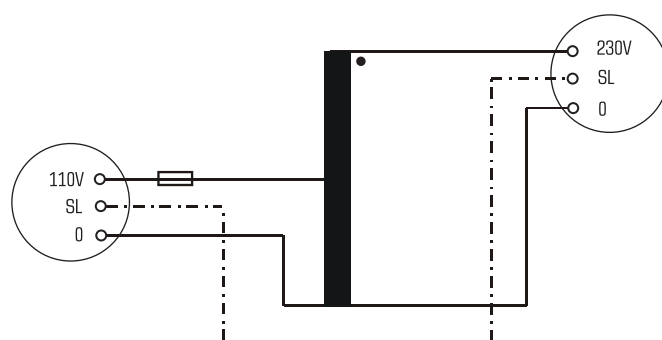
Advantages

Integrated short-circuit and overload protection
Very high efficiency
Very good moisture protection and low noise thanks to XtraDenseFill resin encapsulation
Carrying handle, mains connecting lead NEMA5-15 (USA) and socket for portable application

Applications

Autotransformer for portable application for the adjustment of the voltage in 110 Vac networks to 230 Vac equipment when no electrical isolation is required.

Sample application



Standards



Autotransformer
to: VDE 0570 Teil 2-13, DIN EN 61558-2-13, EN 61558-2-13,
IEC 61558-2-13

Approvals



1 Transformers

Autotransformers



Autotransformer

JET

Electrical data	Typ	JET 250	JET 500	JET 1000			
	Input						
	Rated input voltage	110 Vac	110 Vac	110 Vac			
	Frequency range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz			
	Output						
	Rated output voltage	230 Vac	230 Vac	230 Vac			
	Rated Power	250 VA	500 VA	1.000 VA			
	No-load voltage (app. x factor)	1.04	1.04	1.03			
	Efficiency	94.0 %	91.0 %	96.0 %			
	Environment						
	Ambient temperature max.	40 °C	40 °C	40 °C			
	Safety and protection						
	Type	Resin encapsulated transformer	Resin encapsulated transformer	Resin encapsulated transformer			
	Insulation class	A	A	A			
	Protection index	IP 22	IP 22	IP 22			
	Safety class	I	I	I			
	Short circuit strength	non-inherently short-circuit proof	non-inherently short-circuit proof	non-inherently short-circuit proof			
	Order numbers						
	Order Number	JET 250	JET 500	JET 1000			

1 Transformers

Autotransformers



Autotransformer JET

Mechanical data	Typ	Terminals Input	Terminals Output	Weight	Dimension picture (in mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
	JET 250	Connecting cable with NEMAS-15 plug (USA)	Protective contact socket	3.1 kg	1	180	119	160	56.8	130.8	86.5	85.1	92	72	58.8	210	111.5	85.5	131	6
	JET 500	Connecting cable with NEMAS-15 plug (USA)	Protective contact socket	6.7 kg	2	230	175	150	195	123	90	180	126	-	-	-	-	-	-	-
	JET 1000	Connecting cable with NEMAS-15 plug (USA)	Protective contact socket	9.7 kg	2	295	240	155	195	142	255	245	143	-	-	-	-	-	-	-

Dimension pictures

