

Short-circuit proof low profile transformer FLE



General Data

Rated input voltage 230 Vac
Rated output voltage 2 x 6 - 2 x 18 Vac
Rated power 4 - 35 VA
Insulation class E
Maximum ambient temperature 40 °C
Efficiency up to 78 %
Degree of protection IP 00

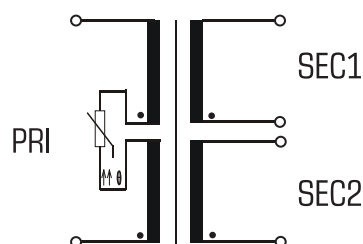
Advantages

Minimum size at high output
Low height
Integrated overload protection using PTC in the input
Double output voltage for series or parallel connection
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
Self-extinguishing potting material

Applications

As a safety isolating 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

Approvals



VDE

1 Transformers

Low profile transformers



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[illegible]

1 Transformers

Low profile transformers



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Mechanical data	Typ	Terminals	Core type	Weight	Dimension picture (in mm)																	
						A	B	C	D	E	F	G	H	J	K	L	M	N	O	P		
FLE 4/..	Pins for PCB	UI 30/10,5	0.18 kg		53	44	22.6	47.5	37.5	35	9	4.5	35	25	5	0.8	-	-	2.5			
FLE 6/..	Pins for PCB	UI 30/16,5	0.25 kg		53	44	28.6	47.5	37.5	35	9	4.5	35	25	5	0.8	-	-	2.5			
FLE 12/..	Pins for PCB	UI 39/13,5	0.37 kg		68	57	27.6	62.5	50	45	11.5	5.5	46	26	10	0.8	-	-	2.5			
FLE 18/..	Pins for PCB	UI 39/17,0	0.45 kg		68	57	31.4	62.5	50	45	11.5	5.5	46	26	10	0.8	-	-	2.5			
FLE 24/..	Pins for PCB	UI 39/21	0.53 kg		68	57	35.8	62.5	50	45	11.5	5.5	46	26	10	0.8	-	-	2.5			
FLE 35/..	Pins for PCB	UI 48/17,0	0.74 kg		83.5	70	39	75	60	53.5	15	6.5	57	37	10	-	0.5	1	3			

Dimension pictures

