

Star Trans

Transforming Technology



LOW VOLTAGE-TRANSFORMER



POWER ISOLATION
TRANSFORMER

ISOLATING TRANSFORMER



General Data

Rated input voltage	3 x 400 V AC
Rated output voltage	3 x 400 V AC
Rated power	125 - 16000 VA
Insulation class	H
Maximum ambient temperature	50 °C
Efficiency	up to 96
Degree of protection	IP00
Frequency	50/60 hz
K-Factor	K13

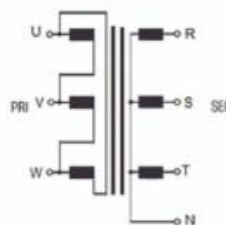
Advantages

- Safe galvanic isolation
- Patented assembly technology to lower heat losses
- Very good corrosion protection and low noise thanks to vacuum
- Fixed, contact protected screw connection terminals complying with UVV BGV A3
- Secondary side $\pm 5\%$ tappings for voltage adjustment
- Multifunctional fixing rails with 12 oval slots
- Enlarged fixing rail for easy installation from above
- Integrated crane eyes

Applications

Isolating transformer for the safe electrical isolation of the input and output sides.
The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

Sample application



Approvals

UL 5085, UL 1561, CSA 22.2 (E 103521)

Isolating transformer

Isolating transformer to: VDE 0570 Part2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4, UL 5085-1/-2, CSA 22.2 No.66

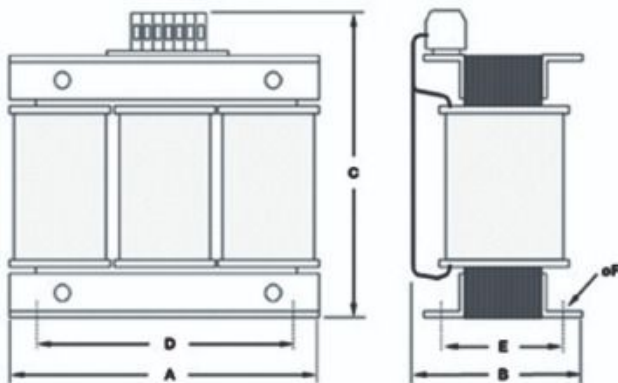
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ISOLATING TRANSFORMER

Mechanical data	Typ	Terminals	Fixing method	Fixing screws	Weight	Dimension picture (in mm)	Dimension picture (in mm)					
							A	B	C	D	E	F
	IT000-125-00-00	Screw -type terminals	Base plate	M4	5.5 kg	1	180	65	170	150	45	5
	IT000-250-00-00	Screw -type terminals	Base plate	M4	6 kg	1	180	70	170	150	50	5
	IT000-500-00-00	Screw -type terminals	Base plate	M5	7 kg	1	180	75	170	150	55	5
	IT001-000-00-00	Screw -type terminals	Base plate	M5	16 kg	1	240	95	220	200	70	7
	IT001-600-00-00	Screw -type terminals	Base plate	M5	19 kg	1	240	122	255	200	80	7
	IT002-000-00-00	Screw -type terminals	Base plate	M6	23 kg	1	240	132	255	200	90	7
	IT003-500-00-00	Screw -type terminals	Base plate	M6	33.5 kg	1	300	139	305	250	95	7
	IT004-000-00-00	Screw -type terminals	Base plate	M6	39 kg	1	300	149	305	250	105	7
	IT005-000-00-00	Screw -type terminals	Base plate	M6	47.5 kg	1	300	169	305	250	125	7
	IT006-300-00-00	Screw -type terminals	Base plate	M6	55 kg	1	360	157	355	300	110	9
	IT008-000-00-00	Screw -type terminals	Base plate	M6	59 kg	1	360	162	355	300	115	9
	IT010-000-00-00	Screw -type terminals	Base plate	M8	66 kg	1	360	172	355	300	120	9
	IT012-500-00-00	Screw -type terminals	Base plate	M8	85 kg	1	420	179	405	350	125	9
	IT016-000-00-00	Screw -type terminals	Base plate	M8	104 kg	1	420	199	405	350	145	9

Applications



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THREE - SINGLE PHASE
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