

ISOLATING TRANSFORMER



General Data

Rated input voltage	3 x 400 V AC
Rated output voltage	3 x 400 V AC
Rated power	20 - 500 KVA
Insulation class	H
Maximum ambient temperature	50 °C
Efficiency	up to 96
Degree of protection	IP00
Frequency	50/60 hz
K-Factor	K3

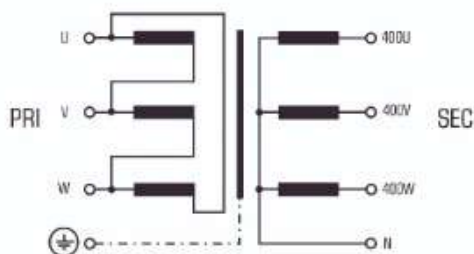
Advantages

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 $\pm 5\%$ tapings 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
















Isolating transformer

Isolating transformer to: VDE 0570 part 2-4, DIN EN 61558 part 1 with part 2-4

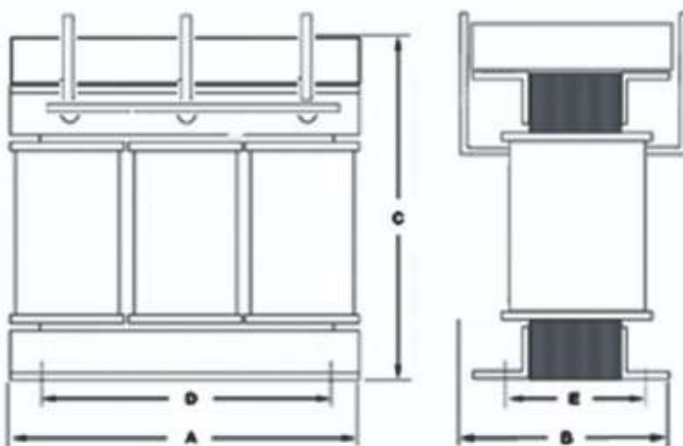
TRANSFORMER



ISOLATING TRANSFORMER

Mechanical data	Type	Terminals	Fixing method	Fixing screws	Weight	Dimension picture (in mm)	A	B	C	D	E	F
	IT020-000-00-00	Screw -type terminals	Fixing rail	M4	123 kg		480	199	465	400	140	11
	IT025-000-00-00	Screw -type terminals	Fixing rail	M4	155 kg		480	219	465	400	160	11
	IT031-500-00-00	Screw -type terminals	Fixing rail	M5	172 kg		480	229	465	400	170	11
	IT040-000-00-00	Screw -type terminals	Fixing rail	M5	200 kg		480	259	480	400	210	11
	IT050-000-00-00	Screw -type terminals	Fixing rail	M5	305 kg		600	277	580	500	210	13
	IT063-000-00-00	Screw -type terminals	Fixing rail	M6	335 kg		600	297	580	500	230	13
	IT080-000-00-00	Screw -type terminals	Fixing rail	M6	336 kg		600	317	580	500	250	13
	IT100-000-00-00	Screw -type terminals	Fixing rail	M6	500 kg		720	410	740	600	250	15
	IT125-000-00-00	Screw -type terminals	Fixing rail	M6	570 kg		720	430	740	600	270	15
	IT160-000-00-00	Screw -type terminals	Fixing rail	M6	745 kg		780	460	790	650	295	15
	IT200-000-00-00	Screw -type terminals	Fixing rail	M6	855 kg		840	470	840	700	300	20
	IT250-000-00-00	Screw -type terminals	Fixing rail	M8	1090 kg		900	500	890	750	325	20
	IT300-000-00-00	Screw -type terminals	Fixing rail	M8	1170 kg		900	520	890	750	325	20
	IT400-000-00-00	Screw -type terminals	Fixing rail	M8	1500 kg		1020	540	990	850	355	20
	IT500-000-00-00	Screw -type terminals	Fixing rail		1630 kg		1020	570	990	850	385	20

Applications



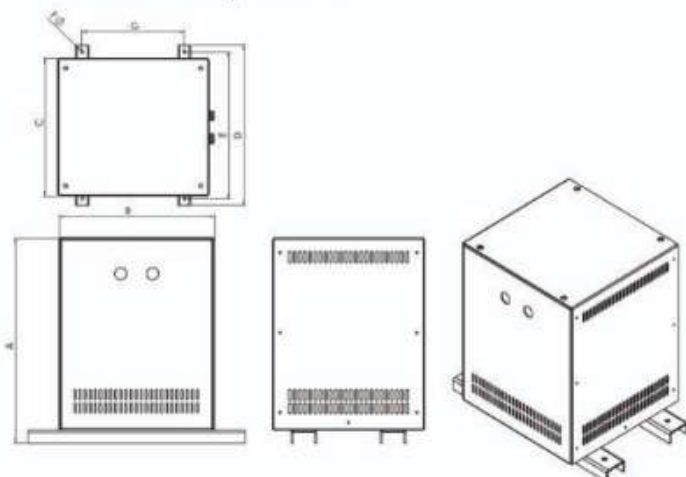


Sheet-metal enclosure

30
Mechanical data

Order Number	.5 KVA	1, 1.6,2 KV	3.5,4,5 KVA	6.3,8,10 KVA	12.5,16 KVA	20, 25, 31.5,40 KVA
Floor mounting	√	√	√	√	√	√
Wall mounting	-	-	-	-	-	-
Cable glanding type	2x PG 16	2x PG 21	2x PG 25	2x PG 25	2x PG 25	2x PG 29
Cable glanding ϕ	18.5mm	22.5mm	28 mm	28 mm	28 mm	37 MM
Measures and weights						
Dimension (DxHxW)	238x308x243.50	288x358x293.5	379x459x304.5	454x504x404.5	514x564x404.5	594x640.47x510
Weight	9.0	(9.50-12)	(20-22.5)	(31-38)	(47-51)	(66-68-97-111)
Effective inside dimension (W)	237	287	296	396	396	502
Effective inside (H)dimension	235	285	375	400.50	400.50	580
Effective inside dimension (D)	283.50	333.50	433	478	538	601.47
Fixing hole ϕ	6 MM	6 MM	6 MM	8 MM	8 MM	10 MM
Accessory						
Dimension picture in (mm)	Figure 1	Figure 1	Figure 1	Figure 1	Figure 1	Figure 2
A	308	358	459	504	564	640.47
B	243.50	293.5	304.5	404.5	404.5	510
C	238	288	379	454	514	594
D	550	390	400	500	390	600
E	550	340	350	450	350	550
G	400	200	250	300	450	400
F ϕ	8 MM	8MM	8MM	10MM	10MM	10MM

Dimension pictures



Sheet-metal enclosures



General Data

Degree of protection IP 23

For floor mounting

Advantages

Variable foot angle for easy installation

Excellent corrosion protection and high abrasion resistance through powder coated surface RAL 5008

With cooling fins for optimal heat extraction

Applications

Universal metal enclosure for degree of protection IP23

Standards

Approvals

UL 508A (prepared)