

Isolating Transformers

ENT.IST Series



ENTES isolation transformers enable safe operation of devices by isolating the secondary part from the primary voltage. Isolation transformers have constant input and output voltages. (230V or 400V) They are generally used at places requiring galvanic isolation and to obtain a star point in networks without star point.

All isolation transformers have CE mark and are compatible with EN standards.



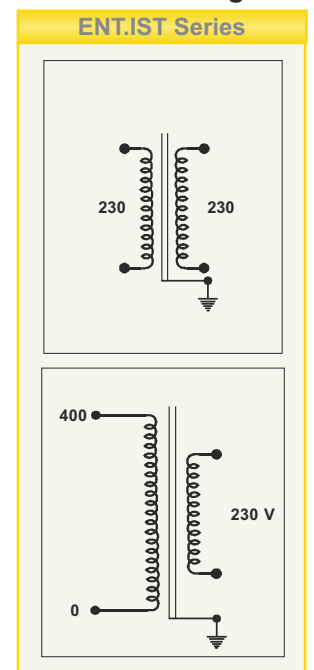
Features

- Compatible with TS.EN 61558-2-2
- Vacuum impregnated varnish method that improves efficiency by reducing heat losses, provides protection against humidity, and enables quiet operation.
- Welding of sheet metal with air gap that minimizes the trunk enclosure resistance
- High efficiency
- Reducing instant current fluctuations
- Preserving its nominal output value up to 50 C ambient temperature
- Iron core with high magnetic permeability
- High quality copper winding
- Class 1 transformer
- Minimum primary-secondary isolation voltage values: 4400 VAC for 400V transformers, 3600 VAC for 230V transformers

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230/230	Nominal Power (VA) (at 50 C)	Short Term Power (VA)	Weight (kg)	Terminal Diameter	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	H(mm)
ENT.IST.2323.25	25	51	1	4 mm ²	66	76	80	50	64	80	5*8
ENT.IST.2323.50	50	104	1,5	4 mm ²	84	76	91	64	64	82	5*8
ENT.IST.2323.100	100	199	2	4 mm ²	84	76	91	64	64	96	6*9
ENT.IST.2323.160	160	338	2,4	4 mm ²	96	89	99	84	74	100	6*9
ENT.IST.2323.200	200	428	2,9	4 mm ²	96	89	99	84	74	100	6*9
ENT.IST.2323.250	250	548	3,4	4 mm ²	96	102	99	84	87	114	6*9
ENT.IST.2323.320	320	701	4,4	4 mm ²	120	90	127	90	83	92	6*9
ENT.IST.2323.400	400	959	5,4	4 mm ²	120	102	127	90	95	106	7*13
ENT.IST.2323.500	500	1259	7,1	4 mm ²	120	122	127	90	109	126	7*13
ENT.IST.2323.630	630	1493	8,1	4 mm ²	150	113	141	122	89	102	7*13
400/230											
ENT.IST.4023.25	25	51	1	4 mm ²	66	76	80	50	64	80	5*8
ENT.IST.4023.50	50	95	1,5	4 mm ²	84	76	91	64	64	82	5*8
ENT.IST.4023.100	100	216	2	4 mm ²	84	76	91	64	64	96	6*9
ENT.IST.4023.160	160	330	2,5	4 mm ²	96	89	99	84	74	100	6*9
ENT.IST.4023.200	200	454	3	4 mm ²	96	89	99	84	74	100	6*9
ENT.IST.4023.250	250	555	3,6	4 mm ²	96	102	99	84	87	114	6*9
ENT.IST.4023.320	320	744	4,5	4 mm ²	120	90	127	90	83	92	6*9
ENT.IST.4023.400	400	942	5,6	4 mm ²	120	102	127	90	95	106	7*13
ENT.IST.4023.500	500	1174	7,1	4 mm ²	120	122	127	90	109	126	7*13
ENT.IST.4023.630	630	1555	8,3	4 mm ²	150	113	141	122	89	102	7*13

Connection Diagrams



*On-demand production in different voltage values up to 2500VA

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Dimensions

