

TMI series SINGLE PHASE ISOLATION transformer

NATURAL air cooling TYPE AN, suitable for INDOOR installation

Aluminum windings

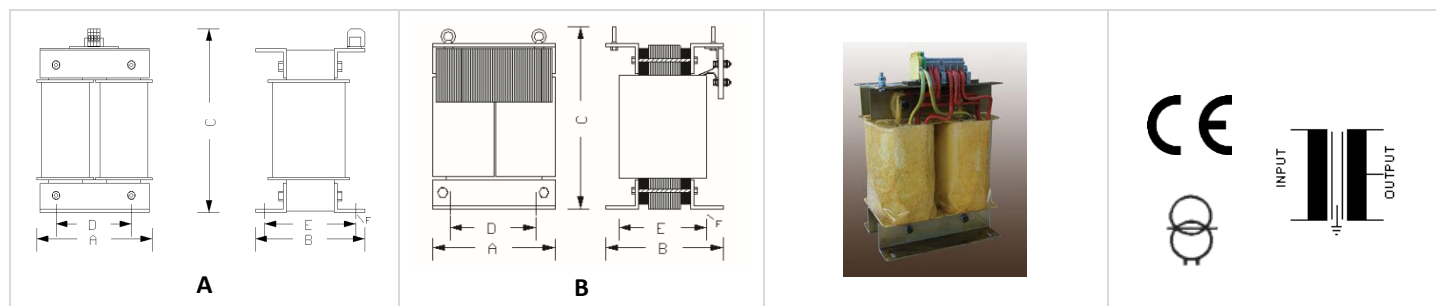
Open type Transformer

CONTINUOUS SERVICE

ISOLATION SCREEN BETWEEN PRIMARY AND SECONDARY

ELECTRICAL SPECIFICATION

Rated power:	3.15KVA to 25KVA
Input Voltage:	230V
Output Voltage:	230V
Frequency:	50/60 Hz
Grade of protection:	IP00
Full load efficiency:	> 95%
Inrush current	< 10 In
Class of Isolation:	F
Protection class	I
Isolation	Double
Applied voltage test	pri/GND, pri/sec, sec/GND 4.2 Kv
Protection:	IP00
Ambient temperature:	-10°C +40°C
Max overtemperature	< 100°C
Maximum sound power level	< 60 dB (A)
Relative humidity:	95%
Cooling Type	AN
Operating altitude	up to 1000m above sea level without derating
Applied standards:	CEI EN61558-2-4
Lifting lugs	Yes
Rating plate	Yes
Insulation screen between primary and secondary	Yes



VA power	Code	W leaks	Vcc %	Size mm.						Dis	Weight Kg	Box
				a	B	C	D	And	F			
3150	TMI249 xxx	130	3.5	240	230	320	200	125	12	A	34	SAM02
4000	TMI267 xxx	145	2.9	240	240	320	200	135	12	A	38	SAM02
5000	TMI287 xxx	180	2.7	240	250	320	200	145	12	A	44	SAM02
6300	TMI307 xxx	200	2.7	280	230	400	220	145	12	A	49	SAM03
8000	TMI347 xxx	210	2.7	280	240	400	220	155	12	A	60	SAM03
10000	TMI387 xxx	280	2.5	280	250	400	220	165	12	A	65	SAM03
15000	TMI427 xxx	400	2.5	320	260	450	260	185	12	B	92	SAM04
20000	TMI467 xxx	600	2.4	320	280	450	260	205	12	B	116	SAM04
25000	TMI507 xxx	700	2.1	320	280	450	260	205	12	B	131	SAM04

xxx = 636 for items with input /output = 230Vac

Request code completion digits for other primary/secondary combinations

Technical data and images may be subject to a change without notice

ACCESSORIES AVAILABLE ON DEMAND

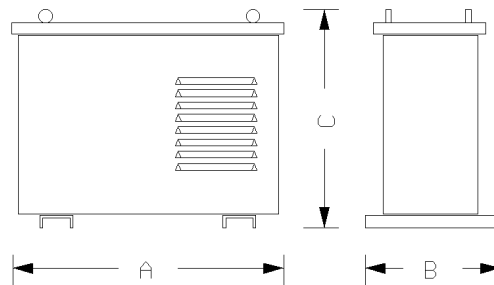
Installed in metal epoxy-painted protection box RAL7035

IP23 Protection

Cable input from the side and from below

Provision for input/output cable glands

Internal and external rating plate



Part no	SUITABLE FOR	Dimensions mm.	Weight Kg
SAM02	3:5KVA	430x290x395	10
SAM03	6.3:10KVA	475x355x495	15
SAM04	15:25KVA	550x390x553	17
SAM05	25-30KVA	710x440x670	20
SAM07	higher ratings	775x570x825	25
SAM09C	higher ratings	900x640x1030	40
SAM10	higher ratings	1300X1000X1300	50

IP44 VERSION

SAM07-44	higher ratings	825X570X825	55
SAM09C-44	higher ratings	950X640X1030	80

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