

SINGLE-PHASE AUTOTRANSFORMERS ATM range

AN-type air cooling, suitable for indoor installation.

Copper windings

Single winding with intermediate taps, resin impregnated and tropicalized

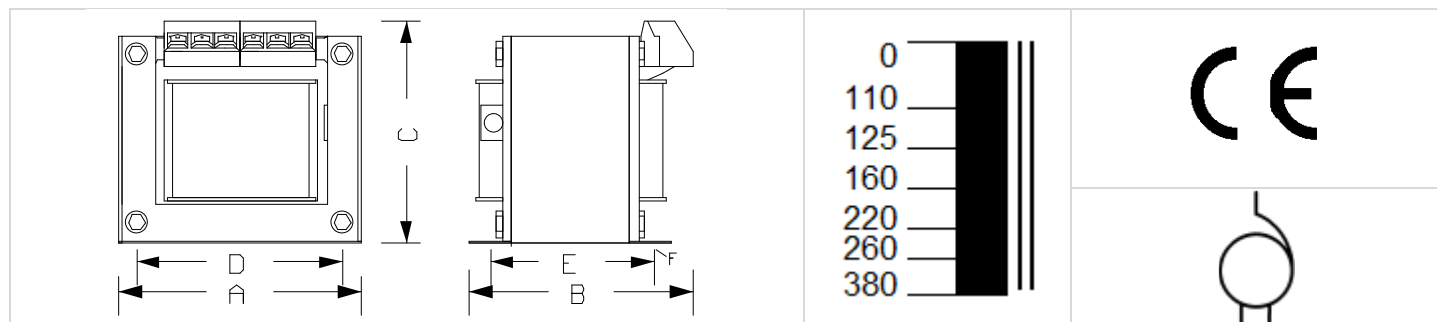
The autotransformer has only one winding that works as a primary and secondary, so we have no galvanic insulation between input and output, but electric continuity.

Autotransformers are cost-effective machines the closer to 1 is the ratio of the minimum voltage to the maximum. In the convenience calculation, it is necessary to take into account the high performance and low operating losses in relation to a separation transformer of equal power.



TECHNICAL SPECIFICATION

Rated power:	0.1KVA to 5KVA
Input voltage:	110-125-160-220-260-380Vac single phase
Output voltage:	380-260-220-160-125-110Vac single phase
Service:	Continuous
Frequency:	50/60 Hz
Dielectric strength (winding to earth):	> 3kV
Isolation class:	E
Degree of protection:	IP00
Protection class:	I
Ambient temperatures	-5°C +40°C
Max temperature rise	< 100°C
Maximum noise level at 1m.	< 60 dB (A) @ 1m
Relative humidity	50% - 95%
Operating altitude without power reduction:	up to 1000 m.
Applied standards:	EN61558-2-13



INCLUDED OPTIONAL

Rating plate	SI
Wiring on terminal blocks	SI

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

SINGLE-PHASE AUTOTRANSFORMERS "ATM" range

POWER VA	PART NO.	dimensions mm.						Weight	box
		A	B	C	D	E	F	kg.	code
100	ATM029	87	80	97	71	48	5	1.55	MBT01
200	ATM059	87	90	97	71	63	5	2.05	MBT01
300	ATM079	101	88	107	82	63	5	2.55	MBT01
500	ATM119	125	109	131	99	81	6	4.50	MBT01
750	ATM169	125	117	131	99	91	6	5.75	MBT01
1000	ATM179	125	117	131	99	91	6	6.50	MBT01
1500	ATM199	154	135	159	105	104	6	9.80	MBT01
2000	ATM219	154	135	159	105	104	6	10.00	MBT01
3000	ATM249	154	145	159	105	115	6	11.80	MBT01
4000	ATM267	184	170	180	122	125	6	14.20	MBT01
5000	ATM287	184	170	180	122	125	6	17.80	MBT01

OPTION: INSTALLED IN IP23 METAL ENCLOSURE

Protection: IP23
 Wiring access from the side
 Suitable for wall and floor mounting



Part no	Rated power	Dimensions mm.	weight KG.
MBT01	100:5000VA	277x239x237	3

TRANSFORMER COMES MOUNTED IN THE ENCLOSURE

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