

## SINGLE PHASE SEPARATION TRANSFORMERS ITA range

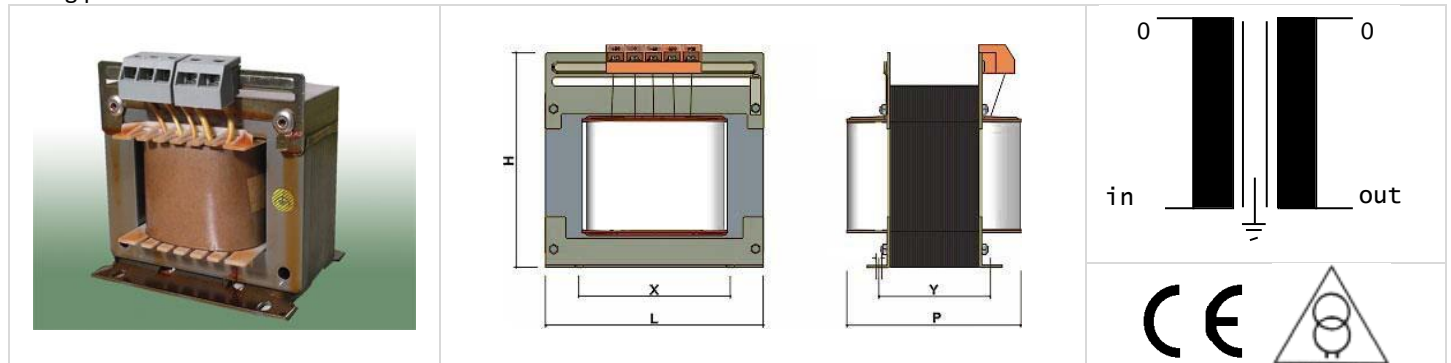
Natural air cooling type AN, resin impregnated and tropicalized.  
 Separated copper windings

### TECHNICAL SPECIFICATION:

Rated power	<b>From 40VA to 2000VA</b>
Input voltage	<b>230-400V</b>
Output voltage	<b>12/24V or 24/48V or 55/110V or 110/220V</b>
Frequency	<b>50/60 Hz</b>
Protection degree	<b>IP00</b>
Protection	<b>I</b>
Isolation class	<b>F</b>
Temperature class	<b>F-H</b>
Max Ambient Temperature	<b>40°C</b>
Max temperature rise	<b>100°C</b>
Max full load voltage regulation	<b>5%</b>
Short circuit voltage	<b>6% max</b>
Full load efficiency	<b>&gt; 95%</b>
Applied standards	<b>CEI EN61558-2-2</b>

### FEATURES

Earth connection terminal  
 Front wiring terminal blocks  
 Rating plate



### CODES

Rated power VA	Output (secondary) voltage V			
	12/24	24/48	55/110	110/220
40	ITA005001	ITA005002	ITA005003	ITA005004
50	ITA009001	ITA009002	ITA009003	ITA009004
100	ITA029001	ITA029002	ITA029003	ITA029004
200	ITA059001	ITA059002	ITA059003	ITA059004
300	ITA079001	ITA079002	ITA079003	ITA079004
500	ITA119001	ITA119002	ITA119003	ITA119004
750	ITA169001	ITA169002	ITA169003	ITA169004
1000	ITA179001	ITA179002	ITA179003	ITA179004
1500	ITA199001	ITA199002	ITA199003	ITA199004
2000	ITA219001	ITA219002	ITA219003	ITA219004
3000	ITA249001	ITA249002	ITA249003	ITA249004

NOTE: IN TRANSFORMERS WITH VOLTAGES OUT OF THE CATALOGUE, THE LAST THREE DIGITS ARE REPLACED BY A UNIQUE CODING OF 3/4 SPECIFIC DIGITS.

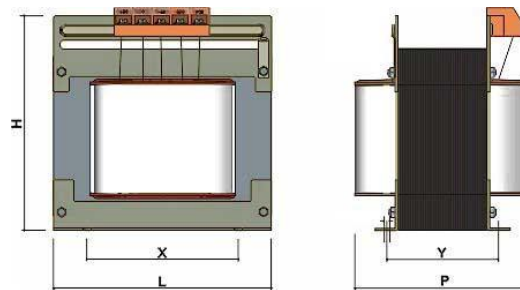
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### ELECTRICAL CHARACTERISTIC

power VA	Voltage regulation		Efficiency		SCV %	Losses W	Inrush rating VA	
	Cos-phi=1	Cos-phi=0.45	Cos-phi=1	Cos-phi=0.45			Cos-phi=1	Cos-phi=0.45
40	7.0	2.8	0.80	0.60	11	6	69	100
50	6.6	2.6	0.80	0.61	11	7	85	125
100	5.2	2.3	0.84	0.71	8.5	15	230	310
200	4.5	2.2	0.85	0.73	5.8	21	590	830
300	5.3	2.8	0.88	0.77	4.6	26	745	910
500	4.1	2.2	0.91	0.82	4.5	46	1180	1500
750	3.1	2.0	0.93	0.84	3.9	55	2020	2680
1000	2.5	1.5	0.94	0.87	3.9	58	2690	3390
1500	1.7	1.5	0.94	0.87	3.7	77	4040	4980
2000	1.7	1.5	0.95	0.88	3.5	93	5600	6400
3000	1.7	1.5	0.95	0.87	3.5	120	9400	11600

### DIMENSIONS AND WEIGHT



Power VA	dimensions mm.						weight Kg.
	L	P	H	X	Y	F	
40	77	55	72	62	43	4	1.0
50	77	60	72	62	48	4	1.1
100	87	65	80	71	53	5	1.7
200	98	80	90	82	70	5	3.2
300	122	80	120	99	64	6	4.5
500	122	100	120	100	84	6	5.9
750	152	100	145	125	93	6	8.9
1000	152	120	140	125	113	6	12.5
1500	152	120	140	125	113	6	12.5
2000	184	120	170	150	122	8	18.0
3000	196	130	180	160	125	8	21.2

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