

THREE PHASE DRY TYPE SEPARATION TRANSFORMER TTP RANGE



- ✓ Separate windings
- ✓ Natural air cooling AN type, suitable for indoor installation
- ✓ Copper/Aluminum winding (according to size and request)
- ✓ Low losses magnetic core
- ✓ Resin impregnated and tropicalized
- ✓ Shrouded terminals up to 10KVA, Bolts on isolated plate from 12.5KVA or currents higher than 63 A

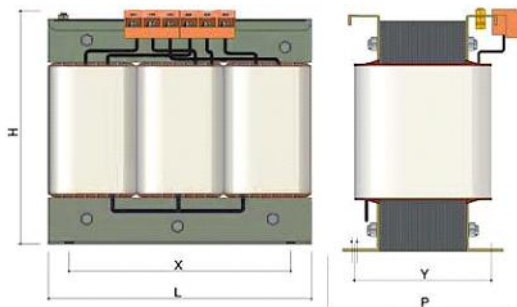
ELECTRICAL SPECIFICATION

Rated power:	from 1KVA to 200KVA (higher ratings available on request)
Input voltage (primary):	from 110V to 600Vac three phase DELTA *
Output voltage (secondary):	from 110V to 600Vac three phase star + N *
Frequency:	50/60 Hz
Connections group	DELTA / star + N *
Vector group	Dyn11 *
Efficiency:	from 93% to > 97% according to rating and voltages
Dielectric strength	4.2 kV
Inrush current:	< 15 I _n
Short circuit voltage	< 6%
Temperature class	F
Max temperature rise (at=25°C)	100°C
Max ambient temperature	-5°C ~ +40°C
Noise level at 1m.	< 60 dB (A)
Relative humidity	50% ~ 95%
Max altitude:	up to 1000 m.**
Grade of protection	IP00
Protection class	I
Applied standards:	EN61558-2-1

MECHANICAL SPECIFICATION

Rating plate	Yes
Earth connection	Yes

More accessories and fittings available on request.

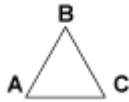
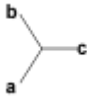


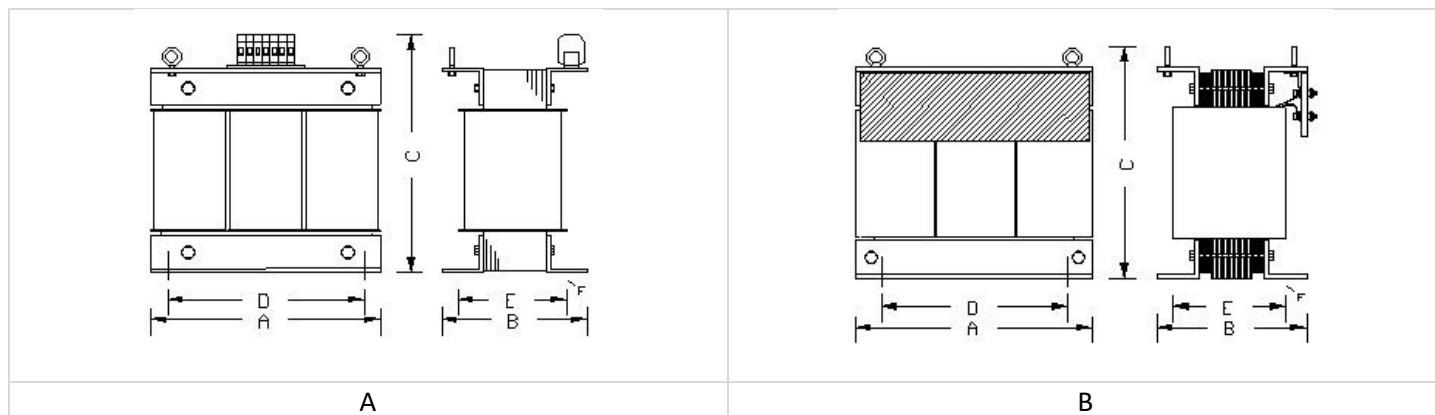
* Different input/output voltages and vector groups available on request

** In case product is installed at higher altitudes a power derating is required

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THREE PHASE DRY TYPE SEPARATION TRANSFORMER TTP RANGE

CONN.	Pri	Sec	Pri	sec
Dyn11				



Power Kva	Code	Losses (W)		SCV %	Vreg. %	mm dimensions						DWG	Weight Kg.	box Code
		No load	Load			A	B	C	D	e	F			
1	TTP179	15	55	4.5	3.5	180	120	160	150	96	18x7	A	12.3	SAM01
2	TTP219	28	90	4.5	3.5	240	140	250	200	121	18x7	A	21.6	SAM01
3	TTP349	42	120	4.5	3.0	300	150	310	250	120	24x9	A	34	SAM02
4	TTP267	60	160	4.5	3.0	300	160	310	250	130	24x9	A	38	SAM02
5	TTP287	70	200	4.0	3.0	300	170	310	250	140	24x9	A	44	SAM02
6	TTP307	70	220	4.0	3.0	360	165	380	300	125	24x9	A	49	SAM03
8	TTP347	90	260	4.0	3.0	360	180	380	300	140	24x9	A	72	SAM03
10	TTP387	90	280	4.0	3.0	360	230	380	300	190	24x9	A	82	SAM03
12.5	TTP407	100	280	4.0	3.0	420	215	460	350	155	24x9	A	83	SAM04
15	TTP427	120	350	4.0	3.0	420	235	460	350	175	30x10	A	100	SAM04
20	TTP467	150	420	3.5	3.0	480	310	500	400	260	30x10	A	111	SAM05
25	TTP507	160	460	3.5	3.0	480	340	500	400	290	30x12	A	141	SAM05
30	TTP547	250	700	3.5	3.0	480	400	500	400	350	30x12	B	165	SAM05
40	TTP627	250	750	3.5	3.0	480	400	500	400	300	30x12	B	195	SAM05
50	TTP707	250	800	3.5	3.0	600	350	580	500	300	30x12	B	220	SAM07
60	TTP727	320	900	3.5	3.0	600	350	590	500	300	30x12	B	230	SAM07
70	TTP747	350	1000	3.5	3.5	600	370	600	500	300	30x10	B	260	SAM07
80	TTP767	360	1100	3.5	3.5	600	370	600	500	300	30x10	B	270	SAM07
90	TTP787	370	1250	3.5	3.5	600	420	600	500	350	30x10	B	300	SAM07
100	TTP807	400	1300	3.5	3.5	600	450	600	500	380	30x10	B	320	SAM07
125	TTP812	620	1850	3.0	3.0	600	580	650	500	510	30x13	B	390	SAM07
150	TTP817	750	2000	3.0	3.0	700	500	680	660	400	30x13	B	390	SAM09C
200	TTP827	900	2400	3.0	3.0	700	600	680	660	500	30x13	B	540	SAM09C

REQUIRED CODES AND FEATURES FOR SUPERIOR POWERS

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OPTIONS AVAILABLE ON DEMAND

- *voltage adjustment sockets: 2 x 2.5%*

ACCESSORIES AVAILABLE ON REQUEST

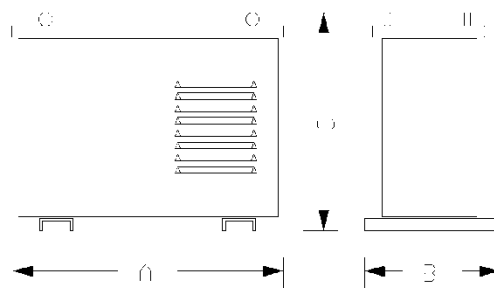
Installed in metal box of dust-painted protection RAL7035

IP23 protection

Cable input from the side and bottom

Provision for input/output cables

Internal and external rating plate



Code	SUITABLE FOR	Dimensions mm.	Weight Kg
SAM01	1:2KVA	290x260x245	6
SAM02	3:4KVA	430x290x395	11
SAM03	5:10KVA	475x350x495	13
SAM04	12.5:20KVA	550x390x553	17
SAM05	25-30KVA	710x440x670	26
SAM07	40-100KVA	775x570x825	52
SAM09C	150-200KVA	908x640x1028	75
SAM10	>200KVA	1207x997x1262	110

IP44 VERSION

SAM07-44	20:100KVA	825x620x804	60
SAM09C-44	150-200KVA	900x640x1030	90

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