

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 o currents higher than 63 A

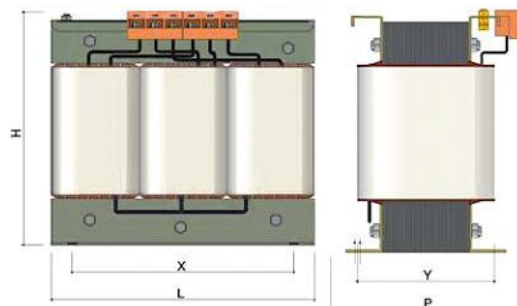
ELECTRICAL SPECIFICATION

Rated power:	from 1KVA to 20KVA (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 In
Short circuit voltage	< 6%
Temperature class	F
Max temperature rise (at=25°C)	105°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

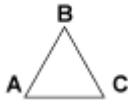
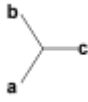


Dimensions and weight may be subject to a change without notice

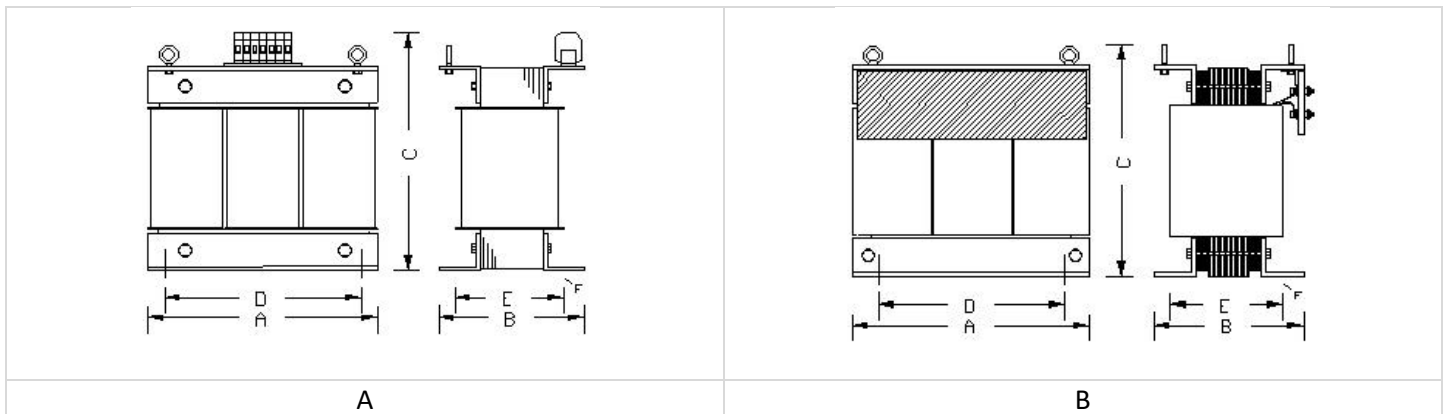
K-FACTOR SRL unipersonale - Via Giotto 9 - 42014 Castellarano (RE) - Italy - VAT# IT 02422010369

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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	144	260	250	106	24x9	A	32.5	SAM02
4	TTP267	60	160	4.5	3.0	300	154	260	250	116	24x9	A	38.7	SAM02
5	TTP287	70	200	4.0	3.0	300	164	260	250	126	24x9	A	44.0	SAM02
6	TTP307	70	220	4.0	3.0	360	170	310	325	126	24x9	A	47.8	SAM03
8	TTP347	90	260	4.0	3.0	360	180	310	325	136	24x9	A	56.0	SAM03
10	TTP387	90	280	4.0	3.0	360	190	310	325	146	24x9	A	64.2	SAM03
12.5	TTP407	100	280	4.0	3.0	360	200	310	325	156	24x9	A	72.0	SAM03
15	TTP427	120	350	4.0	3.0	420	200	360	375	144	30x10	A	81.0	SAM04
20	TTP467	150	420	3.5	3.0	420	230	360	375	174	30x10	A	97.0	SAM04
25	TTP507	160	460	3.5	3.0	480	212	410	440	170	30x12	A	126.0	SAM05
30	TTP547	250	700	3.5	3.0	480	222	410	440	190	30x12	B	141.0	SAM05
40	TTP627	250	750	3.5	3.0	540	280	460	480	234	30x12	B	188.0	SAM07
50	TTP707	250	800	3.5	3.0	540	300	460	480	254	30x12	B	224.0	SAM07
60	TTP727	320	900	3.5	3.0	540	330	460	480	284	30x12	B	272.0	SAM07
70	TTP747	350	1000	3.5	3.5	600	325	610	540	281	30x10	B	326.0	SAM07
80	TTP767	360	1100	3.5	3.5	600	335	610	540	291	30x10	B	354.0	SAM07
90	TTP787	370	1250	3.5	3.5	600	340	610	540	296	30x10	B	372.0	SAM07
100	TTP807	400	1300	3.5	3.5	600	350	610	540	306	30x10	B	395.0	SAM07
125	TTP812	620	1850	3.0	3.0	720	400	730	660	195	30x13	B	470.0	SAM09
150	TTP817	750	2000	3.0	3.0	720	420	730	660	215	30x13	B	550.0	SAM09
200	TTP827	900	2400	3.0	3.0	720	450	730	660	225	30x13	B	700.0	SAM09

REQUIRED CODES AND FEATURES FOR SUPERIOR POWERS

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OPTIONS AVAILABLE ON DEMAND

- **voltage adjustment sockets: 2 x 2.5%**

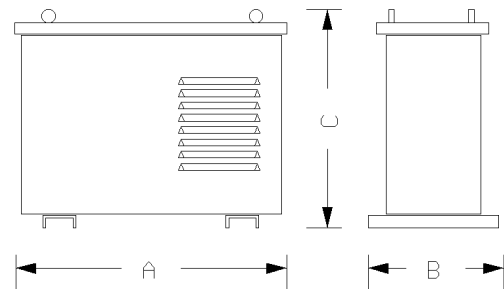
ACCESSORIES AVAILABLE ON REQUEST
Installed in metal box of dust-painted protection RAL7035

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	12
SAM02	3:4KVA	430X290X395	18
SAM03	5:10KVA	475X355X495	20
SAM04	12.5:20KVA	550X390X553	25
SAM05	25-30KVA	710X440X670	40
SAM07	40-100KVA	775X570X825	50
SAM09C	150-200KVA	900X640X1030	75
SAM10	>200KVA	1300X1000X1300	110

IP44 VERSION

SAM07-44	20:100KVA	825X570X825	55
SAM09C-44	150-200KVA	950X640X1030	80

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