

VARxxxF-1/3N

SINGLE PHASE - THREE PHASE

Single and three phase

Variable transformers

Open type

MANUAL AND MOTORIZED VERSIONS

TECHNICAL SPECIFICATION



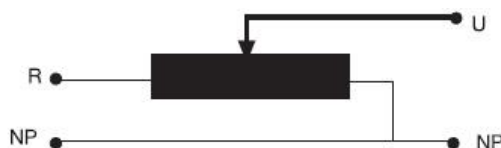
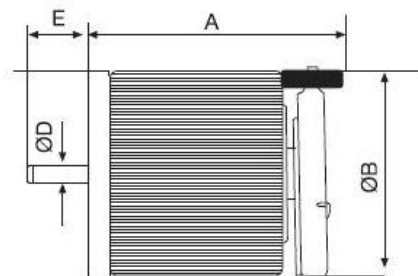
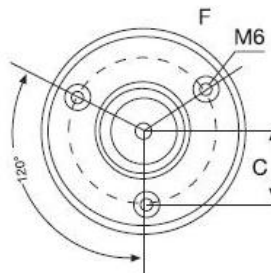
K-FACTOR VARIABLE TRANSFORMER ARE MADE FOR ALL THE EXPERIMENTATION AND TESTING NEEDS OF TECHNICAL OFFICES, LABORATORIES AND INDUSTRIES. THEY ARE SUPPLIED TO HAVE A VARIABLE VOLTAGE FROM 0V TO 250Vac SINGLE-PHASE OR FROM 0V TO 435V THREE-PHASE WITH DIFFERENT RATED CURRENTS. These products are supplied freestanding, to be installed on the back of switchboard panels for models up to 20

A. For higher power models, assembly must be carried out horizontally.

Knob and dial for adjustment are optional.

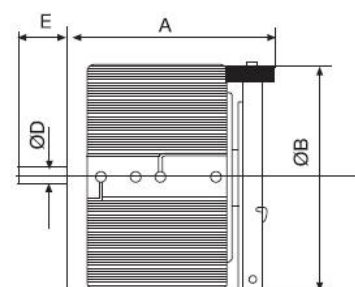
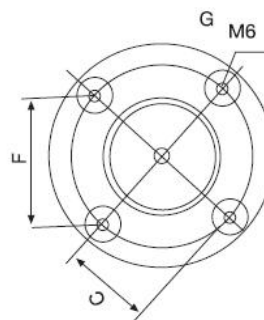
SINGLE PHASE VARIABLE AUTOTRANSFORMER VARF-1N RANGE

single phase, open type, panel mounting
input: 230V AC 50/60Hz **output:** 0-250Vac
CENTER TAP 125V (available on request)



TYPE	Current A	MAX VA	A	Ø B	C	Ø D	E	weight KG
VAR02F-1N	2	500	140	110	40	10	30	5
VAR04F-1N	4	1.000	150	155	50	10	30	8
VAR06F-1N	6	1.500	155	170	50	10	30	11
VAR08F-1N	8	2.000	155	170	50	10	30	12
VAR10F-1N	10	2.500	155	190	50	10	30	15

KNOB AND DIAL SUPPLIED AS OPTION



TYPE	Current A	MAX VA	A	Ø B	C	Ø D	E	F	G	weight KG
VAR14F-1N	14	3.500	160	205	85	10	30	116	M6	18
VAR18F-1N	18	4.500	185	205	85	10	30	116	M6	22
VAR20F-1N	20	5.000	185	205	85	10	30	116	M6	23

KNOB AND DIAL SUPPLIED AS OPTION

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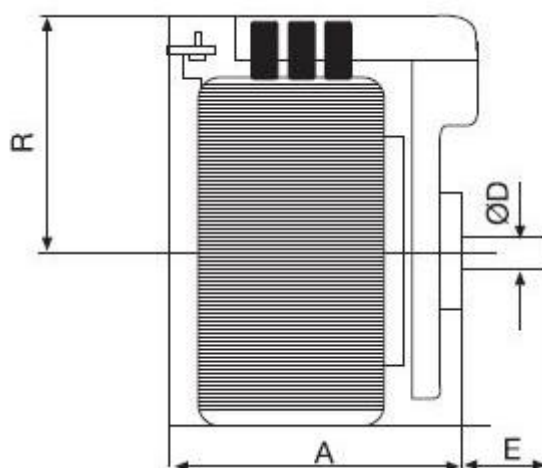
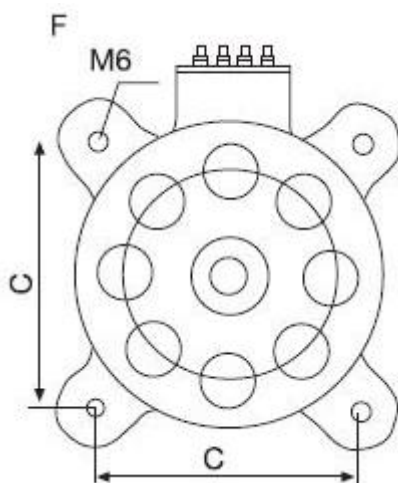
SINGLE PHASE VARIABLE AUTOTRANSFORMER VARF-1N RANGE

single phase, open type, floor mounting

input: 230V AC 50/60Hz

output: 0-250Vac

CENTER TAP 125V (available on request)



TYPE	Current A	MAX VA	A	C	ØD	E	R	F	weight KG
VAR26F-1N	26	6.500	200	235	15	80	200	M6	35
VAR30F-1N	30	7.500	200	235	15	80	220	M6	39
VAR40F-1N	40	10.000	220	250	15	80	220	M6	47
VAR50F-1N	50	12.500	230	305	15	80	240	M6	64
VAR60F-1N	60	15.000	245	305	15	80	240	M6	72

KNOB AND DIAL SUPPLIED AS OPTION

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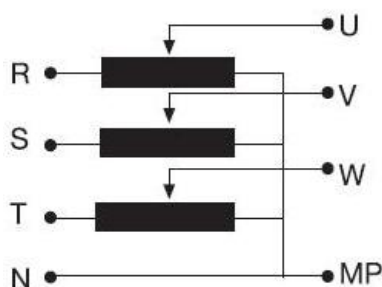
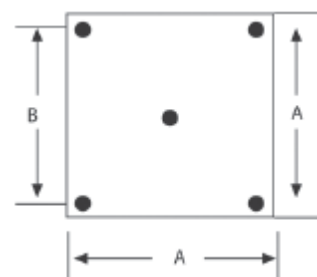
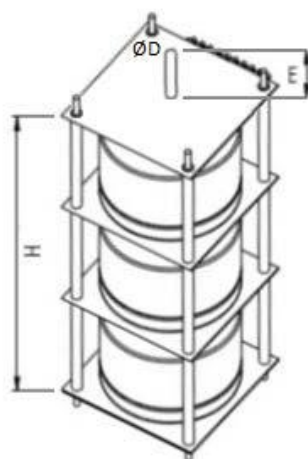
THREE PHASE VARIABLE AUTOTRANSFORMER VARF-3N RANGE

three phase, open type, floor mounting

input: 400V AC 50/60Hz

output: 0-435Vac

CENTER TAP 125V F-N (available on request)



TYPE	Current A	MAX kVA	A	B	H	ØD	E	weight KG
VAR04F-3N	4	3.0	180	160	520	10	100	28
VAR06F-3N	6	4.5	180	160	520	10	100	37
VAR08F-3N	8	6.0	180	160	520	10	100	38
VAR10F-3N	10	7.5	180	160	520	10	100	46
VAR14F-3N	14	10.5	220	190	560	10	100	57
VAR18F-3N	18	13.5	220	190	560	10	100	70
VAR20F-3N	20	15.0	220	190	560	10	100	73

KNOB AND DIAL SUPPLIED AS OPTION

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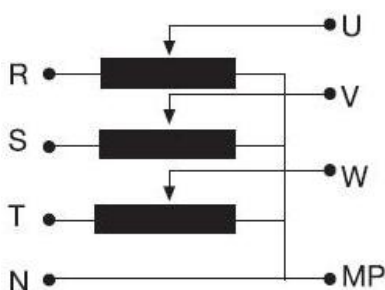
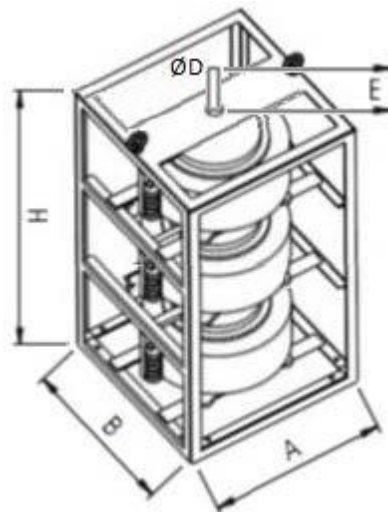
THREE PHASE VARIABLE AUTOTRANSFORMER VARF-3N RANGE

three phase, open type, floor mounting

input: 400V AC 50/60Hz

output: 0-435Vac

CENTER TAP 125V F-N (available on request)



TYPE	Current A	MAX VA	A	B	H	ØD	E	weight KG
VAR26F-3N	26	19.500	420	420	820	15	150	119
VAR30F-3N	30	23.500	420	420	820	15	150	131
VAR40F-3N	40	30.000	420	420	820	15	150	155
VAR50F-3N	50	37.500	480	480	820	15	150	207
VAR60F-3N	60	45.000	480	480	880	15	150	228
VAR80F-3N	80	60.000	480	480	880	15	150	237

KNOB AND DIAL SUPPLIED AS OPTION

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VARIABLE AUTOTRANSFORMER SERIES VARXXF-1/3N MOTORIZED VERSIONS

For all models, versions with 12V or 24V DC motorization are available depending on the model and size.

Motorized variators are coded with -M12 or M24 at the end of the code, based on the motor supply voltage.

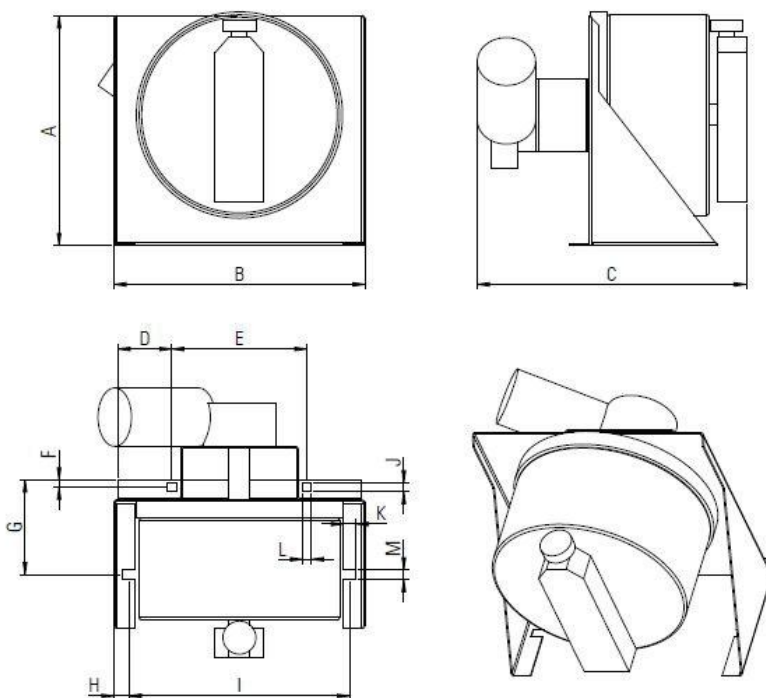
Central socket on request. Suffix -CT at the end of the code.



SINGLE PHASE MODELS

SINGLE-PHASE VERSIONS FROM 4 TO 20A - OUTPUT VOLTAGE 0:250Vac

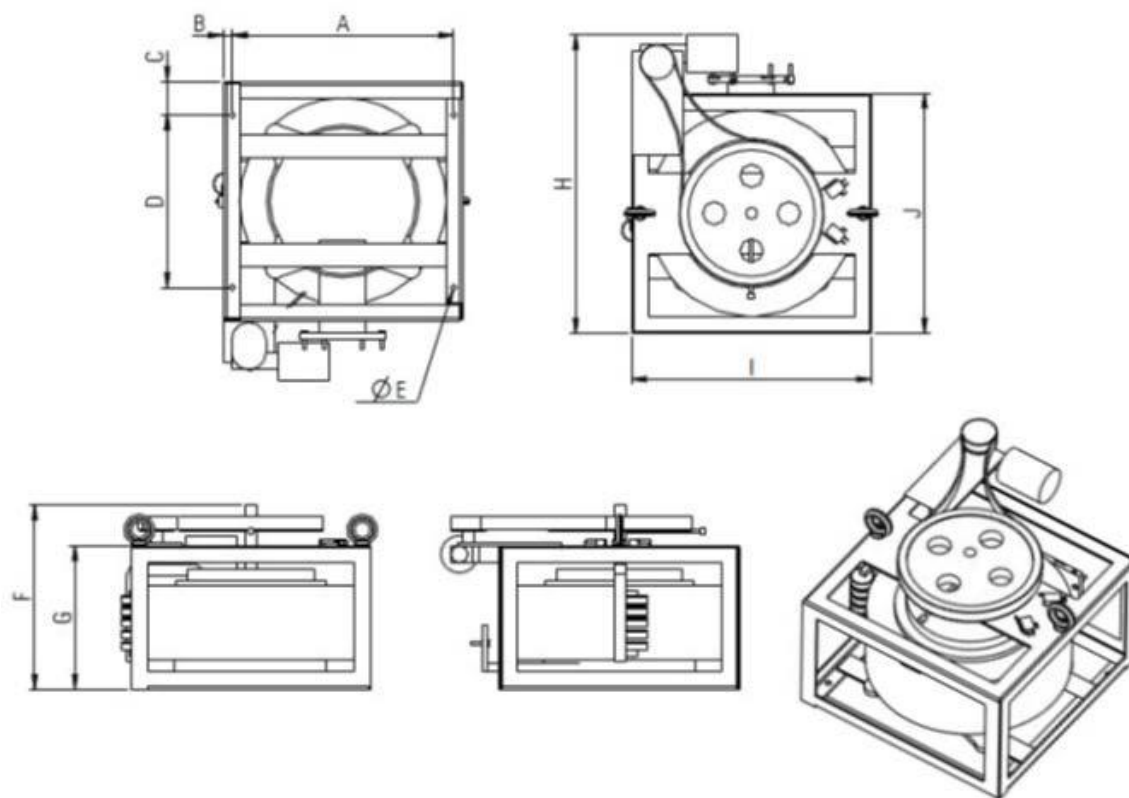
code VAR	current A	Dimensions mm													Weight kg
		A	B	C	D	E	F	G	H	I	J	K	L	M	
04F-1NM12	4	200	200	320	25	136	7	95	13	165	9	14	9	9	9
06F-1NM12	6	200	200	325	25	136	7	95	13	165	9	14	9	9	12
08F-1NM12	8	200	200	325	25	136	7	95	13	165	9	14	9	9	13
10F-1NM12	10	200	200	330	25	136	7	95	13	165	9	14	9	9	16
14F-1NM12	14	220	230	330	43	144	11	98	11	207	8	15	6	6	19
18F-1NM12	18	220	230	340	43	144	11	98	11	207	8	15	6	6	23
20F-1NM12	20	220	230	340	43	144	11	98	11	207	8	15	6	6	24



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SINGLE-PHASE VERSIONS FROM 26 TO 60A – OUTPUT VOLTAGE 0:250Vac

Code VAR	Current A	Dimensions mm										Weight kg
		A	B	C	D	E	F	G	H	I	J	
26F-1NM24	26	390	13	60	300	10	330	250	530	420	420	41
30F-1NM24	30	390	13	60	300	10	330	250	530	420	420	45
40F-1NM24	40	390	13	60	300	10	330	250	530	420	420	53
50F-1NM24	50	445	15	90	300	10	370	280	600	480	480	70
60F-1NM24	60	445	15	90	300	10	370	280	600	480	480	77

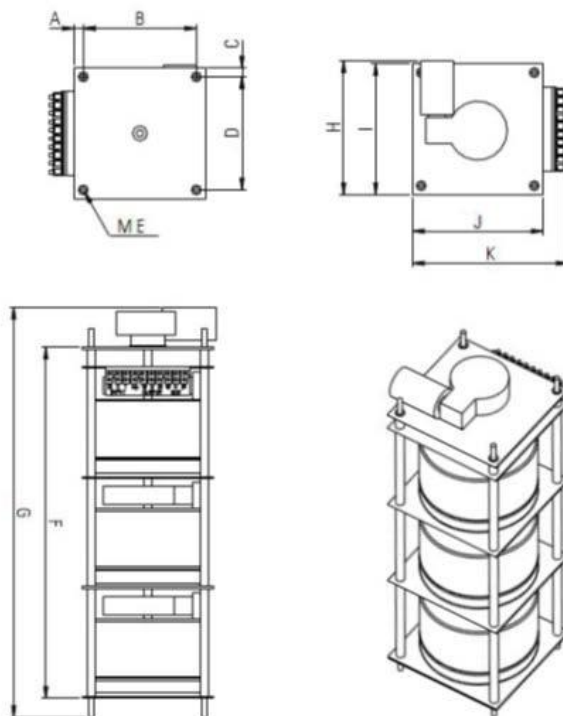


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THREE-PHASE VERSIONS FROM 4 TO 20A - OUTPUT VOLTAGE 0:435Vac



Code VAR	Current A	Dimensions mm											Weight kg
		A	B	C	D	E	F	G	H	I	J	K	
04F-3NM24	4	10	160	10	160	M8	520	655	235	180	180	220	29
06F-3NM24	6	10	160	10	160	M8	520	655	235	180	180	220	39
08F-3NM24	8	10	160	10	160	M8	520	655	235	180	180	220	40
10F-3NM24	10	10	160	10	160	M8	520	655	235	180	180	220	50
14F-3NM24	14	15	180	15	180	M10	540	675	250	220	220	260	58
18F-3NM24	18	15	180	15	180	M10	590	725	250	220	220	260	71
20F-3NM24	20	15	180	15	180	M10	590	725	250	220	220	260	74

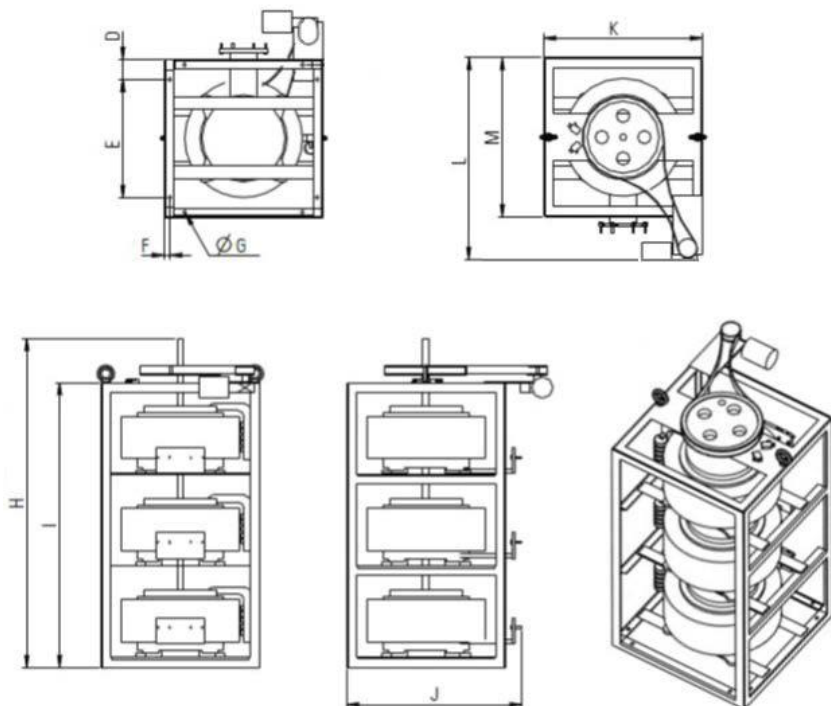


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THREE-PHASE VERSIONS FROM 26 TO 60A – OUTPUT VOLTAGE 0:435Vac

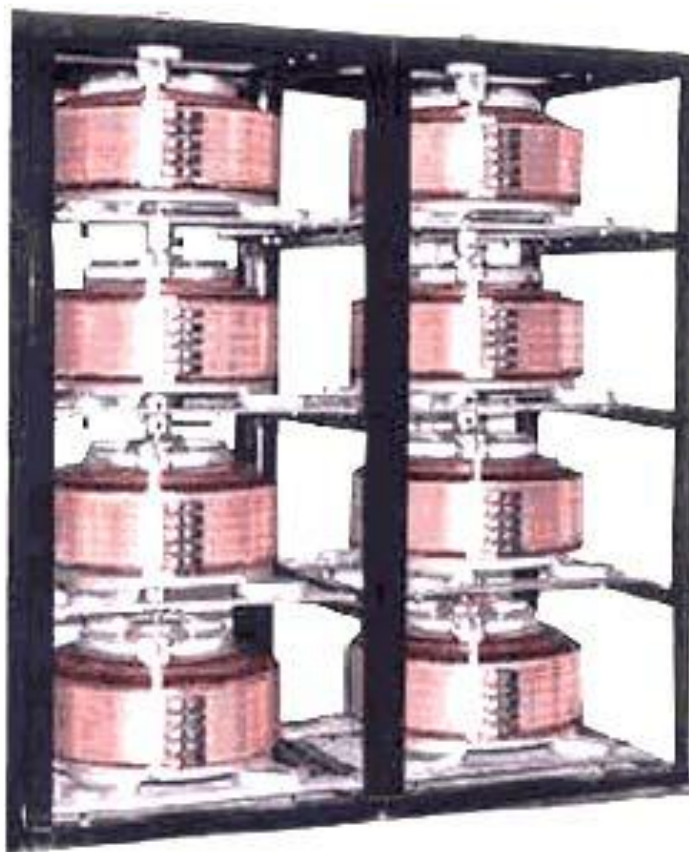


Code VAR	Current A	Dimensions mm										Weight kg
		D	E	F	G	H	I	J	K	L	M	
26F-3NM24	26	60	300	13	10	830	750	470	420	530	420	120
30F-3NM24	30	60	300	13	10	830	750	470	420	530	420	132
40F-3NM24	40	60	300	13	10	830	750	470	420	530	420	156
50F-3NM24	50	60	350	15	10	930	840	550	480	600	480	208
60F-3NM24	60	65	350	15	10	930	840	550	480	600	480	229



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MODELS WITH HIGH-POWER PARALLEL CORES
THREE-PHASE MODELS WITH SINGLE MOTORIZATION UP TO 240A
SINGLE-PHASE AND THREE-PHASE MODELS WITH SEPARATE MOTORS, UP TO 960A PER PHASE



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