



Single phase voltage regulators



Fig. 5 - Uncovered Model



Fig. 6 - Covered Model



Fig. 7 - Portable Model with optional digital volt meter

TYPE V - 3

VOLTAGE		RATED CURRENT	POWER RATING	UNCOVERED MODEL TYPE V 3NA (fig. 5)	COVERED MODEL TYPE V 3NC (fig. 6)	PORTABLE MODEL TYPE V 3NP (fig. 7)	REPLACE CARBON BRUSHES
Input	Output	Output					
Volt	Volt	Ampere	VA.	Code nr.	Code nr.	Code nr.	Code nr.
125	0-125	2,4	300	361	370	381	298
125	0-145	1,4	200	362	376	382	298
220	0-220	0,9	200	368	387	388	298
220	0-220	2	440	368/S	387/S	388/S	298
220	0-240	1,5	350	369	377	389	298
220	0-260	1	260	315	316	317	298
230	0-230	2	450	357/E	358/E	359	298
230	0-250	1,5	380	369/E	377/E	389/E	298
230	0-260	1	260	315/E	316/E	317/E	298

TYPE V - 5

VOLTAGE		RATED CURRENT	POWER RATING	UNCOVERED MODEL TYPE V 5NA (fig. 5)	COVERED MODEL TYPE V 5NC (fig. 6)	PORTABLE MODEL TYPE V 5NP (fig. 7)	REPLACE CARBON BRUSHES
Input	Output	Output					
Volt	Volt	Ampere	VA.	Code nr.	Code nr.	Code nr.	Code nr.
125	0-125	5,6	700	601	607	641	386
125	0-160	1,8	300	602	613	642	298
220	0-220	2,2	500	608	627	648	298
220	0-220	4	900	608/S	627/S	648/S	298
220	0-240	3	720	637	638	639	298
220	0-260	2,5	650	609	647	649	298
220	0-280	2	560	610	667	650	298
230	0-230	3,6	830	640/E	643/E	646/E	298
230	0-260	3	780	653/E	655/E	656/E	298
230	0-280	2	560	657/E	658/E	659/E	298
250	0-250	3,5	875	660	661	662	298
380	0-380	1,2	500	670	671	672	298

TYPE V - 10

VOLTAGE		RATED CURRENT	POWER RATING	UNCOVERED MODEL TYPE V 10NA (fig. 5)	COVERED MODEL TYPE V 10NC (fig. 6)	PORTABLE MODEL TYPE V 10NP (fig. 7)	REPLACE CARBON BRUSHES
Input	Output	Output					
Volt	Volt	Ampere	VA.	Code nr.	Code nr.	Code nr.	Code nr.
125	0-125	9	1100	1401	1443	1441	2536
125	0-160	3,7	600	1402	1446	1442	2498
220	0-220	4	900	1408	1480	1448	2498
220	0-220	9	1980	1408/S	1480/S	1448/S	2498
220	0-240	5	1200	1416/S	1417/S	1418/S	2498
220	0-260	5	1300	1409	1481	1449	2498
220	0-280	4	1100	1410	1482	1450	2498
230	0-230	9	2000	1419/E	1420/E	1423/E	2498
230	0-260	5	1300	1426/E	1427/E	1433/E	2498
230	0-280	4	1100	1435/E	1436/E	1437/E	2498
250	0-250	7	1750	1490	1491	1492	2498
380	0-380	2,8	1100	1414	1486	1484	2498



Single phase voltage regulators (dimensions and weights)

Uncovered models (NA)

Type	Weight Kg	Dimensions mm						
		A	B	C	D	E	F	G
V - 3 NA	2,8	105	115	110	38	5,5	15	25
V - 5 NA	4	125	140	115	45	5,5	15	25
V - 10 NA	6,7	160	175	125	60	6,5	17	35
V - 20 NA	12	200	220	130	76	8,5	17	40
V - 40 NA	18	230	260	130	90	8,5	17	40
V - 70 NA	35	330	360	150	126	11	17	40

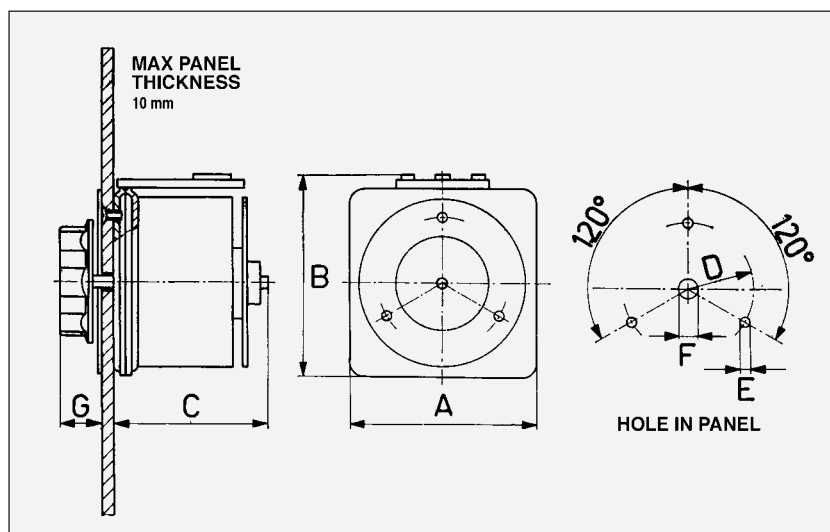


Fig. 17 - Uncovered models

Covered models (NC)

Type	Weight Kg	Dimensions mm (1)				
		A	B	C	D	E
V - 3 NC	3,2	120	170	150	60	6
V - 5 NC	4,5	135	180	160	71	6
V - 10 NC	8	185	250	180	94	10
V - 20 NC	13	215	290	185	112	10
V - 40 NC	19	255	340	190	130	10
V - 70 NC	33	345	430	220	193	12

(1) All dimensions are subject to undergo some modifications.

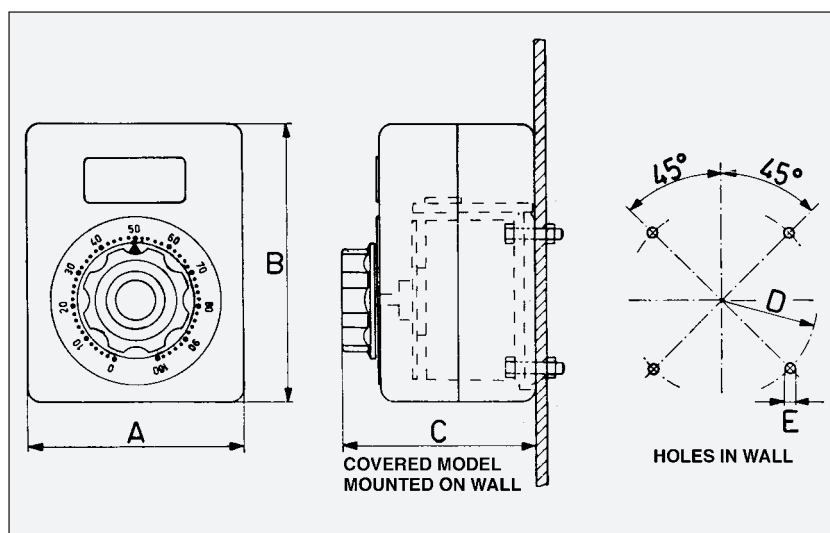


Fig. 18 - Covered models

Portable models (NP)

Type	Weight Kg	Dimensions mm			
		A	B	C	D
V- 3 NP	3,5	140	220	150	170
V- 5 NP	4,9	150	235	160	180
V-10 NP	9	200	320	180	250
V-20 NP	15	235	360	185	290

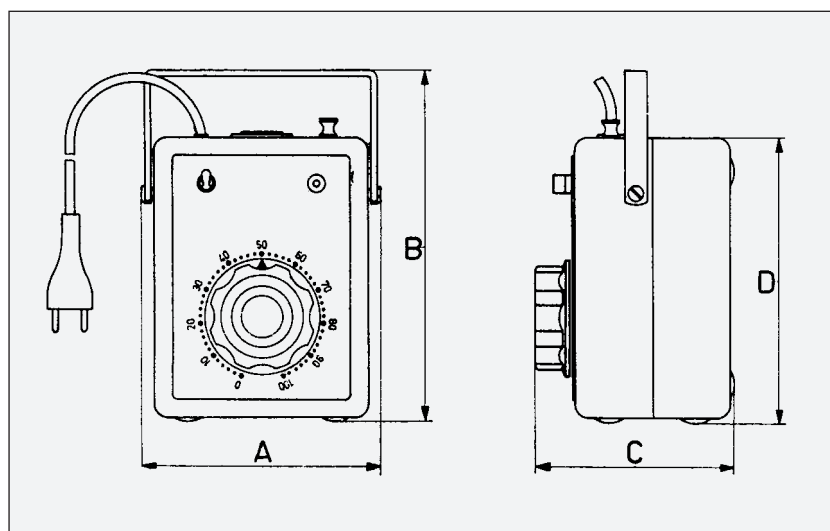


Fig. 19 - Portable models



Single phase voltage regulators

TYPE V - 20							
VOLTAGE		RATED CURRENT	POWER RATING	UNCOVERED MODEL TYPE V 20NA (fig. 5)	COVERED MODEL TYPE V 20NC (fig. 6)	PORTABLE MODEL TYPE V 20NP (fig. 7)	REPLACE CARBON BRUSHES
Input	Output	Output					
Volt	Volt	Ampere	KVA.	Code nr.	Code nr.	Code nr.	Code nr.
125	0-125	19	2,4	2601	2690	-	2583
125	0-160	12,5	2	2613	2691	2825	2583
220	0-220	10	2,2	2608	2694	2648	2571
220	0-220	15	3,3	2608/S	2694/S	2648/S	2583
220	0-240	7,5	1,8	2619	2620	2623	2571
220	0-240	10	2,4	2619/S	2620/S	2623/S	2571
220	0-260	7	1,8	2687	2695	2827	2571
220	0-280	6,5	1,8	2688	2696	2828	2571
230	0-230	14	3,2	2626/E	2627/E	2633/E	2571
230	0-260	10	2,6	2640/E	2643/E	2646/E	2571
230	0-280	7,5	2,1	2647/E	2653/E	2655/E	2571
250	0-250	13	3,2	2606	2639	2649	2583
380	0-380	5,2	2	2614	2699	2654	2571

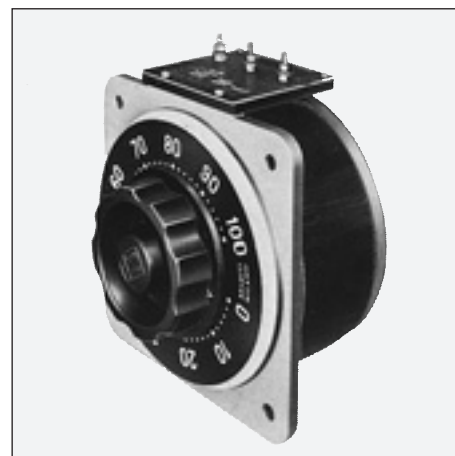


Fig. 8 - Type V 40NA and V 70NA variable autotransformers (uncovered)

TYPE V - 40						
VOLTAGE		RATED CURRENT	POWER RATING	UNCOVERED MODEL TYPE V 40NA (fig. 8)	COVERED MODEL TYPE V 40NC (fig. 10)	REPLACE CARBON BRUSHES
Input	Output	Output				
Volt	Volt	Ampere	KVA.	Code nr.	Code nr.	Code nr.
125	0-125	32	4	4061	4062	2583
125	0-160	22	3,5	4403	4423	2583
220	0-220	18	4	4408	4448	2583
220	0-220	25	5,5	4408/S	4408/S	2583
220	0-240	14,5	3,5	4030	4039	2571
220	0-260	13,5	3,5	4407	4427	2571
220	0-280	12,5	3,5	4413	4430	2571
230	0-230	20	4,6	4042/E	4044/E	2583
230	0-230	25	5,7	4043/E	4045/E	2583
230	0-260	13,5	3,5	4046/E	4047/E	2571
230	0-280	12,5	3,5	4048/E	4049/E	2571
380	0-380	9	3,5	4414	4454	2571

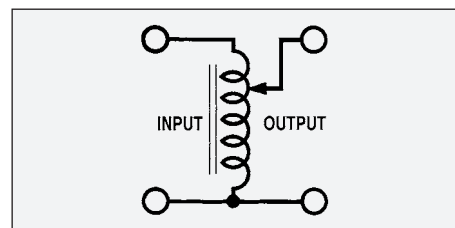


Fig. 9 - Single-phase connection input voltage = output voltage



Fig. 10 - Type V 40NC and V 70NC variable autotransformers (covered)

TYPE V - 70						
VOLTAGE		RATED CURRENT	POWER RATING	UNCOVERED MODEL TYPE V 70NA (fig. 8)	COVERED MODEL TYPE V 70NC (fig. 10)	REPLACE CARBON BRUSHES
Input	Output	Output				
Volt	Volt	Ampere	KVA.	Code nr.	Code nr.	Code nr.
125	0-125	44	5,5	7423	7428	2596
125	0-160	37	6	7424	7429	2596
220	0-220	32	7	7408	7448	2599
220	0-220	36	8	7408/S	7448/S	2599
220	0-240	25	6	7434	7439	2599
220	0-260	23	6	7491	7495	2599
220	0-280	23	6,5	7492	7496	2599
230	0-230	32	7,4	7440/E	7441/E	2599
230	0-260	23	6	7442/E	7443/E	2599
230	0-280	23	6,5	7446/E	7447/E	2599
380	0-380	18	7	7413	7454	2599

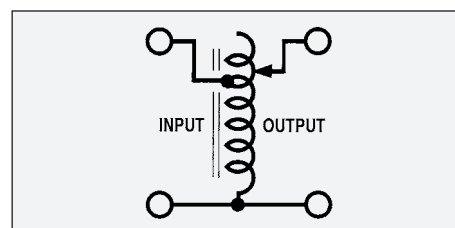


Fig. 11 - Over voltage connection (max output voltage is higher than max input voltage)