Your contact:
+49-(0)2 12-88 04-0 • info@reo.de

REOSTAB NK

Single-phase voltage stabilizers



Unique Selling Point

- High accuracy without regulation variations
- Compact design
- Particularly suitable for computer equipment and test facilities
- Protection class IP 00 - IP 54

Description

REO manufactures and develops REOSTAB single-phase voltage stabilizers as ballasts for networks with fluctuating voltages, like that, a constant voltage at the output is guaranteed. The unit consists of a variable transformers booster transformer and a controller for the variable transformer.

Controller

- NLR 2012 Digital ± 1% Accuracy
- NLR 7000 Digital ± 0,5 Accuracy
- TVR 6500 Analog ± 1% Accuracy for 24 V drive motors

The regulators are installed within the system and wired. The maximum speed is usually :

NLR 2012 = 3 sec .

NLR 7000 = 2 sec

TVR 6500 = 2 sec . per bar (max. difference)

Applications

- Plants and data processing systems
- Regenerative plants
- Machine controls

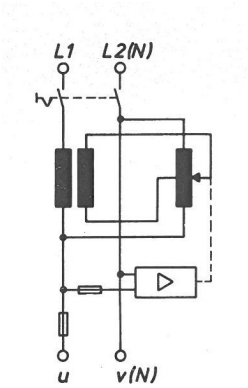
Technical Data

- Adjusting time : ca.2 sek
- Input voltage : 220 V
- Output voltage : 220 ± 0,5% V

Options

- Switch cabinet IP 20 - IP 54
- with EMC-Filter
- with Power Quality System
- with matching transformer
- with Volt + Amperemeter

Circuit example



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Type	± 10% [kVA]	[A]	Type	± 15% [kVA]	[A]	Type	± 20% [kVA]	[A]	Copper [kg]
S1	2,1	9,3	S1a	1,3	5,9	S1b	0,9	4,1	1,1
S2	3,6	16,4	S2a	2,3	10,4	S2b	1,6	7,3	2,5
S3	5,2	23,5	S3a	3,3	15	S3b	2,3	10,5	3
S4	6,5	29,5	S4a	4,2	19	S4b	2,9	13,2	3,5
S5	8,3	37,7	S5a	5,3	24	S5b	3,8	17,3	4,5
S6	10,5	47,7	S6a	7	31,8	S6b	4,8	21,8	5,4
S7	16	72,7	S7a	10	45,5	S7b	7	31,8	8,5
S8	24	109	S8a	15,5	70,5	S8b	11	50	13,2
S9	37	170	S9a	23,3	106	S9b	16,5	75	22,7
S10	50	227	S10a	31,5	143	S10b	22	100	25,1
S11	66	300	S11a	41,7	190	S11b	29	132	36
S12	81	368	S12a	52	236	S12b	36	164	39,5
S13	100	455	S13a	64	291	S13b	45	205	42,5
S14	115	523	S14a	72	327	S14b	51	232	48,5
S15	133	605	S15a	84	382	S15b	59	268	60
S16	149	677	S16a	95	432	S16b	66	300	64
S17	165	750	S17a	104	473	S17b	73	332	70
S18	198	900	S18a	126	573	S18b	88	400	83
S19	231	1050	S19a	147	667	S19b	103	468	92
S20	264	1200	S20a	167	759	S20b	117	532	124

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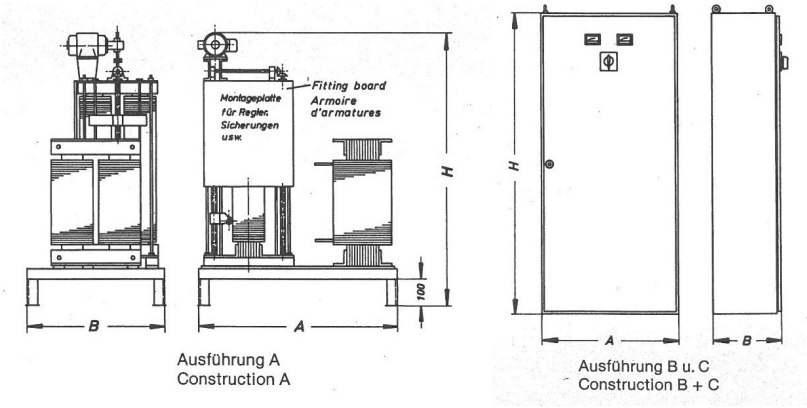
Dimension drawing



Ausführung A
Construction A

Ausführung B u. C
Construction B + C

Dimensions

	Design A				Design B and C			
Type	A [mm]	B [mm]	H [mm]	Weight [kg]	A [mm]	B [mm]	H [mm]	Weight [kg]
S1-S1b	400	400	220	12	380	210	380	21
S2-S2b	400	400	220	17	500	210	500	34
S3-S3b	400	400	220	24	500	210	500	37
S4-S4b	400	400	220	25	600	350	600	53
S5-S5b	400	400	310	29	600	350	600	76
S6-S6b	500	450	310	33	600	350	600	88
S7-S7b	500	500	830	90	600	350	1200	135
S8-S8b	600	500	830	90	600	350	1200	145
S9-S9b	600	600	960	115	800	350	1200	180
S10-S10b	600	600	960	125	800	350	1200	190
S11-S11b	600	600	960	155	800	350	1200	230
S12-S12b	700	500	960	190	800	350	1200	255
S13-S13b	700	500	960	200	800	350	1200	260
S14-S14b	700	500	960	220	800	350	1200	290
S15-S15b	700	500	1050	260	1200	350	1200	365
S16-S16b	700	500	1050	260	1200	350	1200	365
S17-S17b	700	500	1050	260	1200	350	1200	365
S18-S18b	680	650	980	325	1200	350	1200	435
S19-S19b	680	650	980	355	1200	350	1200	465
S20-S20b	750	650	1060	450	1200	350	1200	550

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