

Magnetic voltage stabilizer **KH 250**



General Data

Rated input voltage 230 Vac
Rated output voltage 230 Vac
Rated power 250 VA
Ambient temperature +40 °C
Degree of protection IP 40

Advantages

Compensation for mains voltage fluctuations
Attenuation of asymmetric interference voltage peaks
Bridging voltage dips
Galvanic isolation from the mains
Short-circuit proof
No-load proof
RF interference-free
Service-free

Applications

Magnetic voltage stabiliser securing the supply voltage in the event of mains overvoltage, mains undervoltage, voltage dips and voltage surges and in the case of brief voltage interruptions.

Standards

Magnetic voltage stabiliser acting as mains transformer in accordance with VDE 0570 part 2-12, EN 61558-2-12; IEC 61558-2-12

Approvals **ERC**

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1.3

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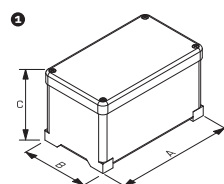


Magnetic voltage stabilizer KH 250



Electrical data	Type		KH 250			
	Operating data					
	Rated input voltage	230 Vac				
	Permissible tolerance (Input voltage)	+10 % to -20 %				
	Rated output voltage	230 Vac				
	Rated current	1.1 A				
	Rated frequency	50 Hz				
	Permissible tolerance (Frequency)	±1 Hz				
	Response time	typ. 3 line periods (60 ms)				
	Output					
Rated Power	250 VA					
Environment						
Ambient temperature max.	40 °C					
Safety and protection						
Type	Resin encapsulated transformer					
Insulation class	A					
Protection index	IP 40					
Safety class (prepared)	II					
Short circuit strength	short-circuit proof					
Test voltage	3750 Vac, 50 Hz					
Order numbers						
Order Number	KH 250					
Mechanical data	Terminal and mounting					
	Terminals Input	Mains lead, 2 m long with moulded plug				
	Terminals Output	Socket				
	Measures and weights					
	Weight	11.70 kg				
	Dimension (W x H x D)	145 x 200 x 245 mm				
	Dimension picture (in mm)					
	A	245				
	B	145				
	C	200				

Dimension pictures



Magnetic voltage stabilizer **BSD**



General Data

Rated input voltage 230 Vac
Rated output voltage 230 Vac
Rated power 60 - 3000 VA
Degree of protection IP 00
Ambient temperature +40 °C

Advantages

Compensation for mains voltage fluctuations
Attenuation of asymmetric parasitic voltage peaks
Bridging momentary voltage dips
May be switched between high control precision and elevated parasitic voltage attenuation
Galvanic isolation from the mains
Short-circuit proof
No-load proof
RF interference free

Applications

Magnetic voltage stabilizer securing the supply voltage in the event of mains overvoltage, mains undervoltage, voltage dips and voltage surges and in the case of brief voltage interruptions.

Standards

Magnetic voltage stabiliser acting as mains transformer in accordance with VDE 0570 part 2;2-12, EN 61558-1; 2-12, IEC 61558-1;2-12

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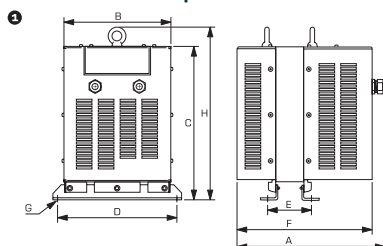
Magnetic voltage stabilizer

BSD



Electrical data	Typ	BSD 60	BSD 120	BSD 250	BSD 500	BSD 800	BSD 1000
	Operating data						
	Rated input voltage	230 Vac	230 Vac	230 Vac	230 Vac	230 Vac	230 Vac
	Permissible tolerance (Input voltage)	+10 % to -30 %	+10 % to -30 %	+10 % to -30 %	+10 % to -30 %	+10 % to -30 %	+10 % to -30 %
	Rated output voltage	230 Vac	230 Vac	230 Vac	230 Vac	230 Vac	230 Vac
	Rated current	0.26 A	0.52 A	1.01 A	2.17 A	3.48 A	4.34 A
	Rated frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
	Harmonic content	<4 % at ohmic load	<4 % at ohmic load	<5 % at ohmic load	<5 % at ohmic load	<5 % at ohmic load	<5 % at ohmic load
	Stored energy time at rated load	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms
	Correction time	20 - 60 ms	20 - 60 ms	20 - 60 ms	20 - 60 ms	20 - 60 ms	20 - 60 ms
	Output						
	Rated Power	60 VA	120 VA	250 VA	500 VA	800 VA	1000 VA
	Environment						
	Ambient temperature max.	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
	Safety and protection						
	Type	Enclosed	Enclosed	Enclosed	Enclosed	Enclosed	Enclosed
	Insulation class	E	E	E	E	E	E
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	short-circuit proof	short-circuit proof	short-circuit proof	short-circuit proof	short-circuit proof	short-circuit proof
	Test voltage	3550 Vac, 50 Hz	3550 Vac, 50 Hz	3550 Vac, 50 Hz	3550 Vac, 50 Hz	3550 Vac, 50 Hz	3550 Vac, 50 Hz
	Order numbers						
	Order Number	BSD 60	BSD 120	BSD 250	BSD 500	BSD 800	BSD 1000
Mechanical data	Terminal and mounting						
	Fixing method	Fixing rail	Fixing rail	Fixing rail	Fixing rail	Fixing rail	Fixing rail
	Terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals
Measures and weights	Measures and weights						
	Weight	3.60 kg	6.40 kg	11.00 kg	15.50 kg	22.00 kg	31.00 kg
	Dimension picture (in mm)	1	1	1	1	1	1
	A	212	232	266	288	318	287
	B	75	100	147	147	147	210
	C	138	181	216	216	216	302
	D	92	120	165	165	165	235
	E	58	59	66	88	118	82
	F	190	210	242	264	294	261
	G	66	66	140	140	140	162
	H	-	-	-	-	-	340

Dimension pictures





Magnetic voltage stabilizer BSD



Electrical data	Typ	BSD 1500	BSD 2000	BSD 3000
	Operating data			
Rated input voltage		230 Vac	230 Vac	230 Vac
Permissible tolerance (Input voltage)		+10 % to -30 %	+10 % to -30 %	+10 % to -30 %
Rated output voltage		230 Vac	230 Vac	230 Vac
Rated current		6.52 A	8.7 A	13 A
Rated frequency		50 Hz	50 Hz	50 Hz
Harmonic content		<5 % at ohmic load	<5 % at ohmic load	<5 % at ohmic load
Stored energy time at rated load		10 ms	10 ms	10 ms
Correction time		20 - 60 ms	20 - 60 ms	20 - 60 ms
Output				
Rated Power		1500 VA	2000 VA	3000 VA
Environment				
Ambient temperature max.		40 °C	40 °C	40 °C
Safety and protection				
Type		Enclosed	Enclosed	Enclosed
Insulation class		E	E	E
Protection index		IP 00	IP 00	IP 00
Safety class (prepared)		I	I	I
Short circuit strength		short-circuit proof	short-circuit proof	short-circuit proof
Test voltage		3550 Vac, 50 Hz	3550 Vac, 50 Hz	3550 Vac, 50 Hz
Order numbers				
Order Number		BSD 1500	BSD 2000	BSD 3000
Mechanical data	Terminal and mounting			
	Fixing method	Fixing rail	Fixing rail	Fixing rail
	Terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals
	Measures and weights			
Weight		43.00 kg	56.00 kg	82.00 kg
Dimension picture (in mm)				
A		325	418	485
B		210	210	210
C		302	302	302
D		235	235	235
E		120	153	220
F		299	392	459
G		162	162	162
H		340	340	340

Dimension pictures

