

Magnetic voltage stabilizer **BSD 1000**



Picture shows BSD 1000

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

Approvals



Magnetic voltage stabilizer BSD 1000

Type		BSD 1000
Electrical data	Operating data	
	Rated input voltage	230 Vac
	Permissible tolerance (Input voltage)	+10 % to -30 %
	Rated output voltage	230 Vac
	Rated current	4.34 A
	Rated frequency	50 Hz
	Harmonic content	<5 % at ohmic load
	Stored energy time at rated load	10 ms
	Correction time	20 - 60 ms
	Output	
Rated Power	1,000 VA	
Environment		
Ambient temperature max.	40 °C	
Safety and protection		
Type	Enclosed	
Insulation class	E	
Protection index	IP 00	
Safety class (prepared)	I	
Short circuit strength	short-circuit proof	
Test voltage	3,550 Vac, 50 Hz	
Order numbers		
Order Number	BSD 1000	

Type		BSD 1000
Mechanical data	Terminal and mounting	
	Fixing method	Fixing rail
	Terminals	Screw-type terminals
	Measures and weights	
	Weight	31.00 kg

