

Energy-saving system **SAVERGY 1-25B1 - no longer available**



Picture shows SAVERGY 1-25T1

Advantages

Energy savings of up to 30 %
Straightforward, low-maintenance technology
Pays for itself in no time at all
Increasing the service life of lamps
e-switch: 2-stage auto connection increases savings in the case of fluctuating mains voltages
Uninterruptible stage and bypass switching protects against failures
100 % capable of handling load imbalances
Individual voltage adjustment through the selection of various tappings
DIN IEC 60038 and VDE 0175-compliant; minimum output voltage of 207 Vac
Easy to integrate into existing installations
Very good moisture protection and low transformer noise thanks to BLOCKIMPEX vacuum impregnation

Applications

BLOCK SAVERGY to reduce the energy consumed by lighting installations, and to protect them against excessively high voltages. The fundamental principle is based on reducing the voltage within the limits specified for the lamps in question. The output voltage supplied by BLOCK SAVERGY is still a sinusoidal one, however, making it suitable for operating mixed, centralised or distributed power supplies to all lighting installations which use HQL, NAV and fluorescent lamps. BLOCK SAVERGY works on the principle of uninterruptible, evaluates permanent the primary power supply, controls the output voltage, thereby optimizing the consumption.

Standards

Energy-saving system
to IEC 61558-2-26 (CD)

Approvals



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Type		SAVERGY 1-25B1 - no longer available	Type		SAVERGY 1-25B1 - no longer available
Electrical data I+	Input		Mechanical data 30	Terminal and mounting	
	Rated input voltage	230 Vac ($\pm 10\%$)		Terminals	Screw-type terminal
	Rated frequency	50 - 60 Hz		Wire range	4 mm ²
	Output			Fixing screws	M6
	Rated output voltage	207 Vac*		Measures and weights	
	Reset switch**	Yes		Dimensions W x H x D	453 x 184 x 260 mm
	Reset connect***	Yes		Weight	18.40 kg
	Rated current	25 A			
	Output rated current	25.00 A			
	Environment				
	Ambient temperature	40 °C			
	Safety and protection				
	Type	Steel enclosure, for indoor installation			
	Insulation class	B (130 °C)			
	Protection index	IP 20			
	Safety class (prepared)	I			
	Internal protection (main circuit)	F1 circuit breaker 25 A			
Internal protection (control circuit)	F2, F3 fuse 1.6AT				
Notes					
*	The voltage can be individually set to the values $U_{in} \times 0.86$; $U_{in} \times 0.88$; $U_{in} \times 0.9$; $U_{in} \times 0.92$; $U_{in} \times 0.94$ (207 Vac corresponds to a factor of 0.9)				
**	Reset switch: If the input voltage increases by 5%, the rated voltage will be reset to the specified value.				
***	Reset connect: Reconnection enables an even greater reduction in the rated voltage (by 2% or 4%) to be achieved.				
Order numbers					
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