

## Energy-saving system **SAVERGY 1-16T1 - 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 1-16T1 - no longer available | Type                         |                       | SAVERGY 1-16T1 - no longer available |
|---------------------------------------|--|--------------------------------------|------------------------------|-----------------------|--------------------------------------|
| <b>Electrical data</b><br>I+          | Input  |                                      | <b>Mechanical data</b><br>30 | Terminal and mounting |                                      |
|                                       | Rated input voltage  | 230 Vac (±10 %)                      |                              | Terminals             | Screw-type terminal                  |
|                                       | Rated frequency  | 50 - 60 Hz                           |                              | Wire range            | 4 mm <sup>2</sup>                    |
|                                       | Output   |                                      |                              | Fixing screws         | M6                                   |
|                                       | Rated output voltage   | 207 Vac*                             |                              | Measures and weights  |                                      |
|                                       | e switch**   | Yes                                  |                              | Dimensions W x H x D  | 450 x 175 x 240 mm                   |
|                                       | e connect***   | Yes                                  |                              | Weight                | 13.60 kg                             |
|                                       | Rated current  | 16 A                                 |                              |                       |                                      |
|                                       | Output rated current   | 16.00 A                              |                              |                       |                                      |
|                                       | Environment  |                                      |                              |                       |                                      |
|                                       | Ambient temperature  | 40 °C                                |                              |                       |                                      |
|                                       | Safety and protection  |                                      |                              |                       |                                      |
|                                       | Type   | Open, for indoor installation        |                              |                       |                                      |
|                                       | Insulation class   | B (130 °C)                           |                              |                       |                                      |
|                                       | Protection index   | IP 00                                |                              |                       |                                      |
|                                       | Safety class (prepared)  | I                                    |                              |                       |                                      |
|                                       | Internal protection (main circuit)   | F1 circuit breaker, 16A              |                              |                       |                                      |
| Internal protection (control circuit) | F2, F3 fuse 1.6AT  |                                      |                              |                       |                                      |
| Notes                                 |  |                                      |                              |                       |                                      |
| *                                     | The voltage can be individually set to the values U <sub>in</sub> x 0.86; U <sub>in</sub> x 0.88; U <sub>in</sub> x 0.9; U <sub>in</sub> x 0.92; U <sub>in</sub> x 0.94 (207 Vac corresponds to a factor of 0.9) |                                      |                              |                       |                                      |
| **                                    | e switch: If the input voltage increases by 5%, the rated voltage will be reset to the specified value.  |                                      |                              |                       |                                      |
| ***                                   | e connect: Reconnection enables an even greater reduction in the rated voltage (by 2% or 4%) to be achieved.   |                                      |                              |                       |                                      |
| Order numbers                         |  |                                      |                              |                       |                                      |
| Order Number                          | <b>SAVERGY 1-16T1 - no longer available</b>  |                                      |                              |                       |                                      |