

Maximum performance for an STS

If you're looking for absolute certainty in the power supply from a dual-redundant system, look no further than the Statys, by Socomec UPS. The Statys is a range of static load transfer systems (STS) with power levels ranging from 32 A to 63 A single-phase in rack versions, 63 A to 100 A three-phase in rack versions and up to 1800 A three-phase in cabinet or panel-integratable versions. The philosophy behind SOCOMECS UPS designing the Statys was to provide an extremely easy-to-use product with guaranteed switching reliability. Statys, is a highly "intelligent", breakdown-resistant STS. The system is also able to select the right transfer time on the basis of load type. A typical case is transformer switching. Thanks to the "Break-Before-Make" switch, the primary power source is opened first, and the transfer occurs on the basis of the phase difference of the second source and the voltage sag tolerated by the load.

The majority of power cuts in data centres are caused by human error. For this reason, Socomec UPS has designed the Statys to be easy to use.

The synoptic display shows the normally displayed values (current, voltage, power, etc.). An alternative synoptic display, with a three-and-a-half-inch colour LCD is also available. As well as showing the above functions, it guides the operator through the various operations by means of clearly defined explanatory icons. Efficient operation is further guaranteed by a set of mechanical interlocks that avoid erroneous actions such as the closing of a bypass when the other line is active.

At maximum performance level, the Statys gives complete internal redundancy: double intelligence (double microprocessor), a double power supply and a double SCR control logic.

The compactness and minimum heat loss (less than 1% of input power) make installation of the unit as close as possible to the load, preventing the cables from becoming single points of failure.

The Statys, which complies with all the specifications in the new STS standards (IEC 62310), can be used in circuits with any neutral condition and is suitable for IT, medical and industrial systems.

Naturally, the complete compatibility with Socomec UPS remote monitoring systems provides a further guarantee for the user.

