



The E-SRID32A is a **full passive static switch** designed to assure a not interruptible supply to a generic operative load up to 32A@220Vac.

The device is provided of two standard 32A plugs for MAINS and UPS power inputs, while the output load can be connected to four standard blocks of IEC320-C13 sockets.

Each output socket block is provided of its own protection breaker to prevent any possible load damage.

When a black-out condition occurs on the MAINS primary input, the E-SRID32A automatically switch

the output load on the UPS input line. As soon as the black-out conditions disappear, the load will be automatically reconnected to the MAINS primary line.

The typical switch delay time, assured both for black-out and power-up, is less than 100mS.

The MAINS and UPS lines conditions are monitored on front panel using lamp indicators.

Operating Technical Characteristics

Electrical

MAINS INPUT	
VOLTAGE	: 220Vac \pm 10% 50-60Hz single phase
CURRENT	: 32A Maximum
UPS INPUT	
VOLTAGE	: 220Vac \pm 10% 50-60Hz single phase
CURRENT	: 32A Maximum
OUTPUT	
VOLTAGE	: 220Vac \pm 10% 50-60Hz single phase
CURRENT	: 10A Maximum (on each socket block)
POWER CONSUMPTION	: 13,5 VA nominal

Mechanical

DIMENSIONS	: 19'/2U chassis - L=400mm (plugs included)
WEIGHT	: 6 Kg
PROTECTION CLASS	: IP40
COLOUR	: RAL7032
CONNECTIONS	: Input 32A 2P+T standard – Output IEC320-C13 standard

Switch

DELAY	: < 100mS
INSULATION	: > 20.000 MEGAOHM (insulation group C 400)
DIELECTRIC STRENGTH	: > 2500V (between line and frame)
MECHANICAL LIFE	: 10×10^9 cycles
CONTACT RESISTANCE	: < 50 milliOHM (initial)
WORKING CLASS	: C according to IEC 255 / CEI 41-1

Maximum Ratings

TEMPERATURE RANGE	: - 40 to +70 °C (ambient)
MAX PEAK CURRENT	: 40A
MAX SWITCH VOLTAGE	: 400Vac
NOMINAL RATE IN AC1	: 5000VA (each contact)