



# AT32-2

## Automatic Transfer Switch 32A

AUTOMATIC TRANSFER IN CASE OF SOURCE FAILURE  
REDUNDANT POWER SUPPLY (FROM SOURCES 1 AND 2)  
MANUAL BYPASS  
CONTINUOUS MONITORING OF THE POWER SUPPLY  
COMPLETE DIAGNOSTICS WITH LCD DISPLAY AND MULTIFUNCTION KEYS  
DRY CONTACTS, INPUT FOR EPO, 232 PORT AND SLOT FOR EXPANSION BOARD  
HOTSWAP FUNCTION

# ATS32-2

**Intelligent Switch improve electrical supply continuity. The principle of operation guarantees a higher reliability level than that achieved using a single UPS (on-line with automatic bypass) or several UPS in parallel.**

## Description of the system

The 2-pole ATS 32-2 is a two ways, single phase automatic switch powered by two independent synchronous or asynchronous AC power supply sources.

The ATS 32-2 makes a rapid switch from one source to the other in the event of a fault to the power supply used to power the load.

One of the two sources can be designated as the preferred power supply, to which the ATS 32-2 will transfer the load. It remains there until different designations or faults require it to be switched to the other source.

The ATS 32-2 is fitted with a 32 characters LCD display, capable of providing all information concerning equipment operation status, together with the power source priority selection. Multi function keys enable trained operators to make full use of the apparatus.

## Protection against power supply failures

If one of the two power sources fails or falls outside specifications, ATS 32-2 will transfer the connected loads to the second power source (switching is instantaneous even if the two sources are not in phase).

## Protection against faults with the load

If a fault occurs with one of the loads (for example due to a short-circuit or overload) ATS 32-2 will disconnect the load to prevent disruption to the others.

INPUT	
Voltage	220 - 230 - 240 Vac single-phase + N Vac
Voltage tolerance	180-264 Vac (selectable)
Frequency tolerance	+/-10% (selectable)
Input frequency	50/60 Hz

ENVIRONMENTAL	
Altitude max	1000 m at nominal power (-1% power for every 100 m above 1000 m) - Max 4000 m
Color	RAL 7016
Protection rating	IP 20
Noise	< 40 dBA
Storing temperature	-10 °C up to +50 °C
Relative humidity	90% non-condensing
Transfer typology	"Break Before Make" (no overlapping sources)
Available transfer modes	Automatic / Manual / Remote

DATA	
Weight	10 Kg
Dimensions (h w d)	2U x 19" x 520 mm
Input phases	1
Output phases	1

Hot swap replacement:



Carry out manual bypass operation on faulty unit selecting S1 or S2



Remove the screws placed on left/right side and extract the unit



Replace the faulty unit with a new one



Fix the parts, follows start up procedure and return back from manual bypass

All operations are carefully described on operating manual.