



## Статический переключатель Eaton 93 STS - брошюра на продукцию. Юниджет

Постоянная ссылка на страницу: <https://www.uni-jet.com/catalog/staticheskie-avr/eaton-93-sts.html>



# Eaton 93 STS

100/250/400/630/800/1000/1250A



93 STS

#### Meeting absolute uptime requirements for:

- Data centres
- Internet providers
- Industrial facilities
- Utilities
- Telecommunications
- Government
- Financial services



#### Static Transfer Switch

##### Seamless power transfer

- 3-phase Static Transfer Switch, for automatic transfer of critical AC loads to and from one power source to another, without interruption.
- Rated from 100A to 1250A.
- Available in 3- and 4-pole versions.

##### Reliable performance

- Continuous monitoring of sources ensures automatic and instantaneous power transfer, without cross-connecting the sources.
- Retransfer is also automatic, and there is the capability for manual transfer if required.
- All the system control boards feature redundant internal power distribution.
- A dual manual bypass is built in, to enable safe maintenance with no disruption of the power supply.
- A global installed base reflects the widespread acceptance and popularity of the Eaton 93 STS.

##### Connectivity and easy management

- The 93 STS has RS232 and RS485 interfaces, with Modbus protocol. It also features output relay contacts.
- There is a built-in HMI and system mimic panel. The LCD screen and block diagram of the STS – with integrated LEDs – allows a quick check of the switch's operating status.
- Metering, alarms and event logs are also provided.
- The 93 STS range is supplied in a free-standing cabinet.



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# Eaton 93 STS 100-1250A Technical Specifications

## General

Rating	100A	250A	400A	630A	800A	1000A	1250A
Dimension (mm) (W x H x D)	820 x 1475 x 835	820 x 1475 x 835	820 x 1475 x 835	1220 x 1900 x 860	1220 x 1900 x 860	1220 x 1900 x 860	2000 x 2100 x 1000
Weight (kg)	265	290	305	615	660	710	800

## Operational

Input / Output connection	Hardwired
Nominal input voltage (Vac)	208/380/400/415/441/480 Vac three phase
Source voltage range	Up to +/- 20%, +/- 10% factory adjusted
Frequency	50/60 Hz
Transfer time and mode	<=4ms, break before make (avoid fault propagation)
Efficiency	>=99%
Load power factor	1 to 0,3
THD current f.back from load	Unlimited
Standard options	3-phase 4-pole configuration, plug-in circuit breakers, operation without neutral, Panel Builder versions
Options on request	Output distribution panels, isolation transformer, special IP rating, paint finish

## User interface

Front display	Graphical LCD display showing status, meters, alarms and event log, mimic with LED
Communication ports (optional)	RS232, RS485, Modbus, 9 programmable inputs, 5 (+9 optional) programmable output relays, additional relays
Operational temperature	0°C - +40°C
Relative humidity	0,95% non-condensing
Altitude	<1000m
Audible noise at 1m (dBA)	<65 dBA (according ISO 3747)

## Certification

Markings	CE
Safety	EN 50178
EMC	EN61000-6-4, EN61000-6-2
Low voltage assemblies	IEC 60436-1, 60439-2, 60439-3
Semiconductor convertors	IEC 60146-1-1, 60146-1-3, 60146-2
Degree of protection	IEC 60529



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