

# Master Switch STS

## 100A—600A

Three-phase input

## Static Bypass Switch

### Main Features

- Protection against power supply faults
- Protection against environmental disturbances
- Total microprocessor control
- High reliability
- Hot Replacement function
- 3 or 4 pole version
- Redundant design
- Advanced communications



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# SPECIFICATIONS

MODEL	MTS 100	MTS 150	MTS 200	MTS 250	MTS 300	MTS 400	MTS 600
Nominal Current	100A	150A	200A	250A	300A	400A	600A

INPUT	
Nominal voltage	380 - 400 - 415 Vac three phase + N
Voltage tolerance	180 – 264 Vac (selectable)
Switched input phases	3+N (4-pole) / 3 (3-pole)
Frequency	50/60Hz
Frequency tolerance	± 10% (selectable)
Distribution compatibility	IT, TT, TNS, TNC

OPERATING SPECIFICATIONS	
Transfer type	“Break Before Make” (no overlapping sources)
Available transfer methods	Automatic / manual / remote
Transfer time following source failure	< 4msec (S1/S2 synchronised) 10 msec (S1/S2 non synchronised)

ADDITIONAL INFO	
Weight	155kg    160kg    205kg    210kg    235kg    240kg    375kg
Dimensions (hwd) (mm)	1500 x 685 x 530                      1770 x 685 x 580                      1900 x 950 x 730
Efficiency at full load	>99%
Regulations	EN 62310-1 (safety) EN 62310-2 (electro-magnetic compatibility)
Ambient temperature	0°C - 40°C
Colour	RAL 7016
Relative humidity	95% non-condensing
Noise level	55 dBA    57 dBA

Specifications subject to change without any prior notice.



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