

# Static Transfer Switch (STS)



19" Rack Mount

**MMS**  
**32 - 120A**  
Single phase

**SiEL**  
Energy Systems

19" rack mounted Static Transfer Switch providing fully automatic switching between two independent single phase power supplies to provide 'high availability' power supply for network and telecom applications.

Unit is equipped with synoptic diagram with LED indication of system status and power flow.

A rotary switch provides selection of the priority source together with an integrated manual bypass facility. The manual bypass switch allows for complete isolation and removal of the power module for service/replacement purposes whilst maintaining a supply to the critical load (hot swap).

Input/Output supply connections (A & B source & load) are via terminals on the rear of the unit.

### Technical data

Model	MMS-32	MMS-63	MMS-120
<b>INPUT</b>			
Nominal voltage (Vac):	220 - 230 - 240 single phase + N (source A & B)		
Input voltage tolerance (Vac):	180 - 264 (selectable)		
Switched input:	Phase + N (2 POLE)		
Nominal frequency (Hz):	50 - 60		
Frequency range (%):	± 10		
<b>RATING</b>			
Nominal rating (Amps):	32	63	120
<b>OPERATION</b>			
Transfer type:	Break before make (no overlapping sources)		
Transfer modes:	Automatic/Manual/Remote		
Transfer times (msecs):	< 4 (automatic - synchronised) 10 (automatic - asynchronous)		
<b>COMMUNICATION</b>			
	32 character LCD and control panel with multi-functional keys. Volt-free contacts, EPO, RS232 and slot for installation of optional communication boards.		
<b>ENVIRONMENTAL</b>			
Max operating ambient (°C):	0 / +40		
Storage (°C):	-10/+50		
Relative humidity (%):	90 (non condensing)		
Altitude (metres ASL)	1000 (de rating factor applies above 1000)		
<b>PHYSICAL</b>			
Dimensions mm (W x D x H):	19" x 480 x 2U		19" x 520 x 3U
Weight (kgs):	10	12	20
Protection class:	IP20		

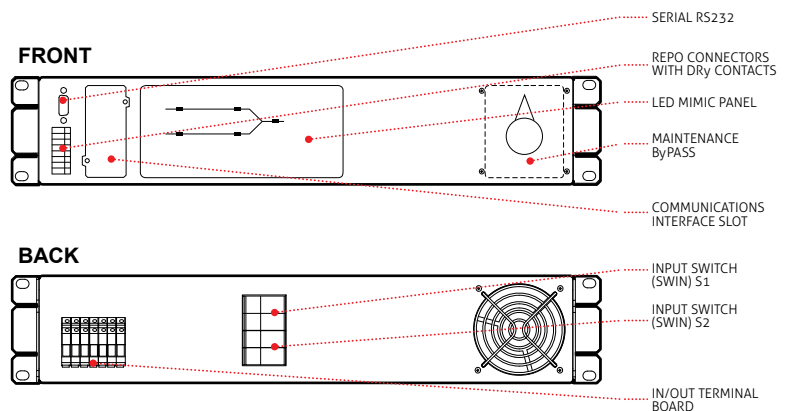
### Communication Options

#### SOFTWARE

PowerShield<sup>3</sup>  
PowerNetGuard

#### ACCESSORIES

NETMAN 101 PLUS  
NETMAN 102 PLUS  
NETMAN 202 PLUS  
MULTICOM 301  
MULTICOM 302  
MULTICOM 351  
MULTICOM 352



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The Company's policy is one of continuous development and we reserve the right to alter or amend specifications without