

The solution for back-up requirements

- **LTM** (commonly known as STS, Static Transfer System) secure your critical applications using two independent power inputs.
- They protect against:
 - main power source outage,
 - accidental tripping of upstream protection,
 - the consequences of mutual disturbance caused by faults (e.g. short circuits) in other equipment supplied by the same source.

Easy installation

- For easier installation, **LTM** are compact units available in OEM version or panel mounted.

Easy to operate

- Preferred source easily changed.
- Switching from one track to another, carried out by the operator and secured by the **LTM** automatic control.

User-friendly operation

- **LTM** are fitted with a control panel to simplify and ensure the safety of operation.
- The communication software allows easy operation of the different equipment on-site.

Experience

- **LTM** have a proven record in reliable power supply. Since 1988 they have guaranteed the availability of power supplies to countless applications worldwide.



Your protection
for

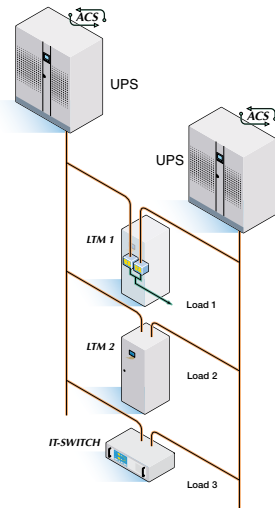
- > Data center
- > Industry
- > Telecommunications
- > Medical



Optimising transfer conditions

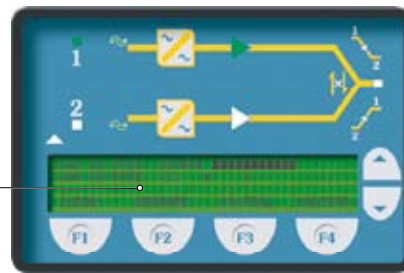
The ACS (Automatic Cross Synchronisation) integrated to the UPS, synchronises the output when there is no bypass network input (battery operation).

It allows the **LTM** to transfer simultaneously and guarantees operation with no single point of failure whatever the type of application.



MTC_039 E GB

Monitoring and control panel with alphanumeric display



- Status, faults
- Measurements (voltage, current etc.)
- Event history log
- Parameters

MTC_016 E GB

Dimensions

	W x D x H (mm)	Remark
OEM integrable version (A)		
2000/2400/2500/2800/3000/3200	3800 x 1200 x 1925	Without breakers double maintenance by-pass
3500/4000/4200/4500/4800	4800 x 1200 x 1925	Without breakers double maintenance by-pass
Integrated cabinet version (A)		
2000/2400/2500/2800/3000/3200	5000 x 1200 x 1925	Including breakers (input/output) and double maintenance by-pass
3500/4000	6600 x 1200 x 1925	Including breakers (input/output) and double maintenance by-pass

Dimensions can change depending on customisation.

Standard equipment

- Dry contacts (general alarm).
- RS 485 JBUS serial port.

Communication option

- Up to 2 programmable dry contacts interfaces (8 inputs and 8 outputs each).

Technical data

ELECTRICAL SPECIFICATIONS

Three-phase voltage + N	208 / 380 / 400 / 415 / 440 V ⁽¹⁾
Input voltage tolerance	configurable up to ± 20 %
Frequency	50 or 60 Hz
Frequency tolerance	configurable up to ± 10 %
Acceptable overload	
10 sec. / 2 min. / 60 min.	200 % / 150 % / 110 %
Short circuit capability	15 to 20 I _n ⁽²⁾
Transfer mode	synchronous / asynchronous without overlapping sources
Compatibility with neutral systems	with or without neutral switching
Synchronisation of UPS when bypass mains is absent	ACS function integrable with UPS manufactured by SOCOMEC UPS

ENVIRONMENT

Operating ambient temperature	10 °C to 40 °C
IP rating	IP 20 (up to IP 43)

(1) Three-phase 220-230-240 V, other voltages, network without neutral on demand. (2) According to rating.