

# Automatic Transfer Switch

## ATS3020RM LOCK G2

### Technical Details and Features



with  
IEC Lock  
technology

### Secure redundant power supply for your IT devices

The ATS3020RM LOCK G2 is a high-availability automatic transfer switch with two network inputs. It enables a two-path supply of devices with just one power supply unit. If the primary power source fails, the ATS automatically switches to the alternative power source without affecting the connected devices. The primary source can also be freely selected.

The built-in network interface enables the ATS to be managed via a web interface. It can also be integrated into any network and building management system. The display shows the total current power consumption. These data can also be queried via the network interface.

### Features

- Automatic switch from primary grid to secondary grid - Primary grid freely selectable
- Reliable switching even with phase offset
- Current power display directly on the device
- Measurement of current, voltage, phase angle, etc.
- Self-locking IEC lock sockets
- Visual and acoustic signalling of the operating status
- Network interface (10/100MBit/s)
- IPv6 ready
- IP access control
- HTTP/HTTPS, SSH, E-Mail(SSL,STARTTLS) DHCP, Syslog
- SNMPv1, v2c, v3 (Get/Traps)
- Configuration and control via Telnet
- Radius, MODBUS TCP and MQTT
- Input: 2x C20 16A 230VAC
- Output: max. current 16
  - 1x4 C13 IEC LOCK 10A
  - 1x4 C13 IEC LOCK 10A with thermal fuse
  - 1x C19 IEC-Lock 16A
- Dimensions: 439 x 44 x 195 mm (19" x 1HE)

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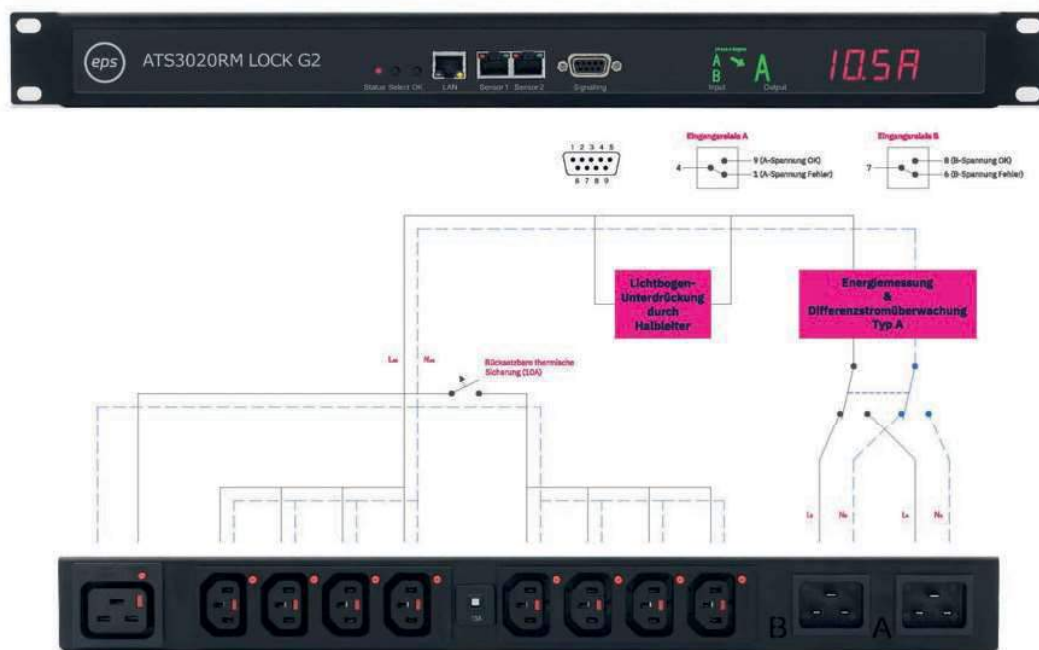
### Switching with phase offset

Thanks to the newly developed electronic switching, the ATS can also switch without interruption even if the phase position is out of phase. Whether the phase position is out of phase is symbolised by the ATS3020RM LOCK G2 on the display with a green or red LED on the display. If the phase position between the two networks is identical, even faster switching is possible (7-10ms switching time).



### Residual current measurement type A

In the ATS3020RM LOCK G2, a type A residual current transformer is used to monitor residual currents. This permanent monitoring enables rising residual currents to be recognised and proactive measures can be taken.



Item No.	Name	included in the delivery
130003173	ATS3020RM LOCK G2 C14	2x IEC LOCK connection cable with C14 plug
130003174	ATS3020RM LOCK G2 C20	2x IEC LOCK connection cable with C20 plug
130003175	ATS3020RM LOCK G2 CEE	2x IEC LOCK connection cable with CEE-plug
130003176	ATS3020RM LOCK G2 Schuko	2x IEC LOCK connection cable with Schuko plug
130003180	Temperature sensor, -20°C to +80°C	connection cable with RJ45-plug
130003181	Hybrid sensor - temperature and humidity sensor, -20°C to +80°C, 0-90%	connection cable with RJ45-plug