



PRODUCT
INFORMATION
SHEET

MEMCOM

www.memcom.eu

GSM Terminal

- Complete Memcom to Mobile network solution
- Simple 4-wire connection to Memcom
- Supports voice and data communications
- EN81-28 compliant, no separate power source or battery is required
- Dual Band operation
- Lightweight wall or desktop mounting

The Memcom GSM is an easy-to-fit solution to provide mobile network access for the Memcom lift emergency phone. All the features of a land line connection are present with the added benefit of SMS text messaging.

A single text message can return the the status of the GSM and Memcom.

The GSM can be powered directly from the Memcom or from a customer provided 12V DC supply.

Front panel diagnostic indicators ensure a quick and simple installation.

The Memcom GSM is supported by the back up battery in the Memcom. If a power failure occurs, then the system supports up to 2 hours standby time or 1 hour of talk time.



GSM Front Panel

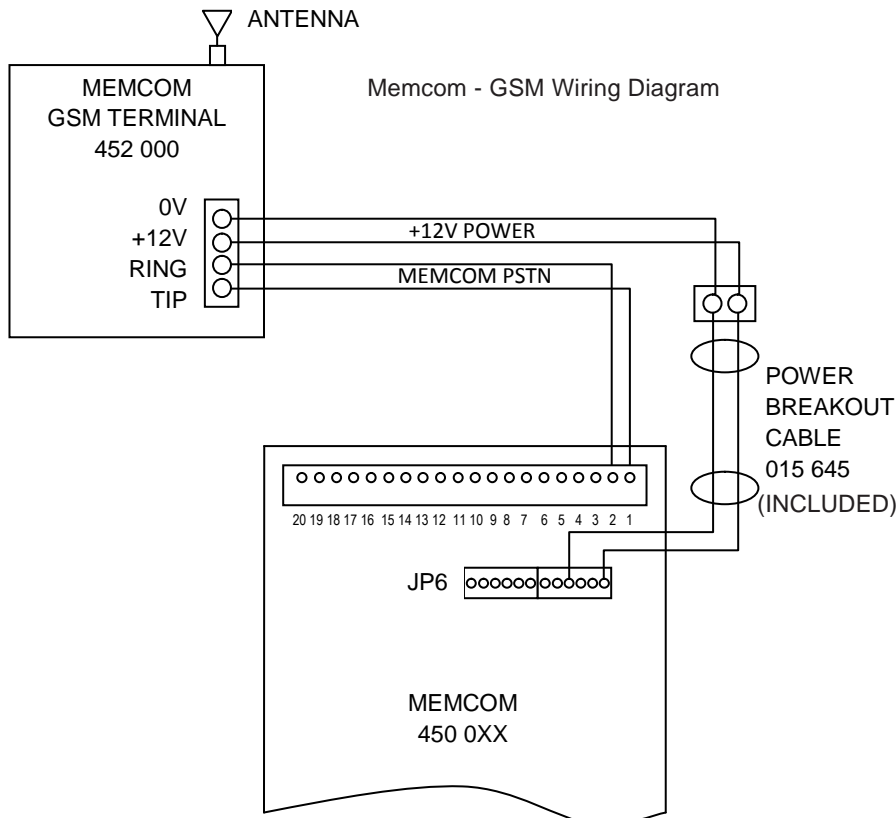


GSM Terminal Internal View

The GSM is normally installed in the Lift Machine Room, but can be sited anywhere there is good mobile signal availability. The Memcom GSM terminal is supplied with an antenna and 3 metres of cable which connects through a SMA connector to the GSM terminal.

The GSM terminal requires a SIM card which is fitted internally. If locked the Memcom can be used to enter the SIM card pin code to unlock it. This will happen automatically whenever the system needs to re-register.

Technical Specifications	
Memcom GSM Terminal	Part no: 452 000
Dimensions:	169mm (L) x 138mm (W) x 32mm (H)
Operating Temperature:	0° to +40°C
Storage Temperature:	-10° to +50°C
Humidity:	0% to 80%
Vibration:	BS EN60068-2-64:1995 and BS EN 60068-2-6:1996
Weight:	0.3kg
External Power Supply:	When not using Memcom, +12 to +14VDC at 0.4A max
EMC Compliance:	EN 301 489-1 V1.81 (2008-04)
Battery Life:	minimum 1 hour talk time or 2 hours standby when powered from Memcom
Power Cable:	30m of travelling cable (35milliohms/metre) maximum
U.K. Network Compatibility: Voice and Data - O2, TMobile & Orange Voice only - Vodafone	
Note - Due to compression techniques used on the Vodafone GSM network DTMF communications cannot be reliably transmitted at the data rates required by Memcom.	
External Led Indicators:	<p>GREEN - Power ON/OFF Flashes on fault condition or data transfer</p> <p>RED/GREEN - Communications Status Colour indicates signal strength Red = Low, Yellow = OK Green = High Continuous = Not connected to network Slow Flash = Connected to Network Fast Flash = Communication in Progress</p>
Internal Led Indicators:	<p>LD1 - ON = Off Hook, call in progress</p> <p>LD2 - Flashing/ON = Data exchange in progress</p>



A HALMA COMPANY



MEMCO LTD, CLYDE HOUSE
REFORM ROAD, MAIDENHEAD
BERKS SL6 8BY, UK
TEL: +44 1628 770734
FAX: +44 1628 621947
www.memco.co.uk