



PRODUCT
INFORMATION
SHEET

Memco Memcom

GSM TERMINAL

- Complete Memcom to Mobile network solution
- Simple 4-wire connection to Memcom
- Supports voice data communication
- EN81-28 compliant, no separate power source or battery is required
- Dual Band operation
- Lightweight wall or desktop mounting
- Can connect with up to 8 Memcom units (with serial number above 300000 + GSM above 101000)

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 status of the GSM Memcom system. 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.



GSM Front Plate



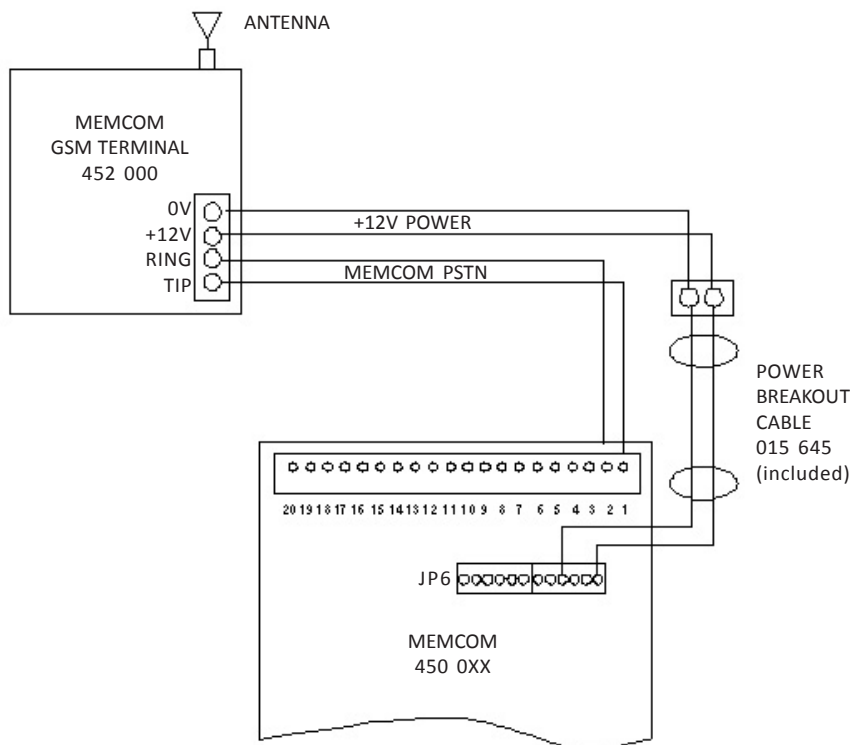
GSM Terminal Block

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 3m of cable which connects through a 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. The battery power in the Memcom is able to fully support the complete system in a power failure emergency, giving up to an hour of normal use.

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 EN 60068-2-64:1995 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 hr talk time or 2 hrs standby when powered from Memcom
Power Cable	30m of travelling cable (35milliohms/metre) maximum
UK Network Compatibility	Voice and Date - 02, 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	GREEN - Power ON/OFF Flashes on fault condition or data transfer RED/GREEN - Communication 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
Internal LED Indicators	LD1 - ON = Off Hook, call in progress LD2 - Flashing/ON = Data exchange in progress



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This product is designed for use in elevators with powered automatic doors where the closing force is 25N/mm or less as per EN81 requirements. It should be installed by qualified personnel only, therefore any use outside of this application is at the installer's own risk and should be assessed appropriately.

As a result of our policy of continual improvement, the information in this document is subject to change without notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

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