

GSM 6H module

DATA SHEET

- Fast and efficient remote reading of Kamstrup's heat and cooling meters, MULTICAL® 602, MULTICAL® 801, water meter MULTICAL® 62 and M-Bus Master
- GSM and GPRS
- Dual band 900 MHz and 1800 MHz
- 9600 bits/sec data communication via GSM data channel
- Signal strength reading via light emitting diodes as well as SMS



Application

The GSM 6H module is mounted directly in the module area of MULTICAL® 602, MULTICAL® 801, MULTICAL® 62 and M-Bus Master. With this module mounted a compact measuring point has been created. Everything is included in one box and there is no need for additional connections.

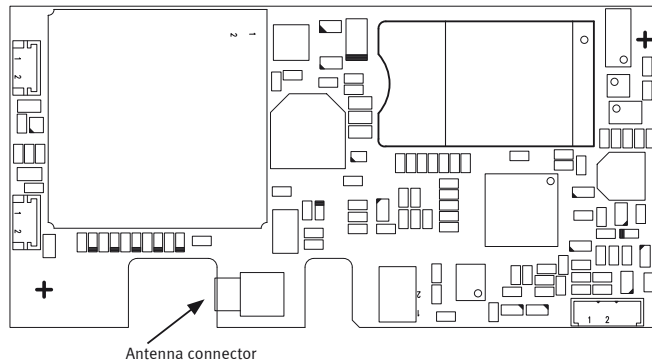
In addition to remote reading the GSM 6H module makes it possible to read the module's current GSM signal strength.



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Connection diagram



Technical data

GSM

GSM900-1800 MHz Phase II+

– class 4

900 MHz, 2 W

– class 1

1800 MHz, 1 W

Antenna

MCX connector for external antenna

Communication

9600 bits/sec.

Protocol

V.110 with CRC checksum

GPRS

Class 8, class B

Electrical data

Supply

Internal 110/230 VAC or 24 VAC. The supply is mounted in the meter together with the module.

Power consumption

– idle

< 2 VA

– transmission

< 4 VA

Mechanical data

Temperature

– storage

-20°C +60°C

– operation

+5°C +55°C

Relative humidity

< 95%, non-condensing

Mounting

Is mounted as a module in module area 2 of MULTICAL® 602, MULTICAL® 801, MULTICAL® 62 and M-Bus Master

Density

IP67 mounted in MULTICAL® 602, MULTICAL® 801, MULTICAL® 62 and M-Bus Master

Marking/approvals

CE marking

EN 61600-6

EMC

CTR 19,20,31,32

GSM approval

MID approved for mounting in MULTICAL® 602, MULTICAL® 801 and MULTICAL® 62

Ordering

Is ordered as a separate module for MULTICAL® 801

Top number: 670XXXXX.801

Is ordered as a separate module for MULTICAL® 602/62

Top number: 602XXXXX

Is ordered as a separate module for M-Bus Master

Top number: 670XXXXX.MBM