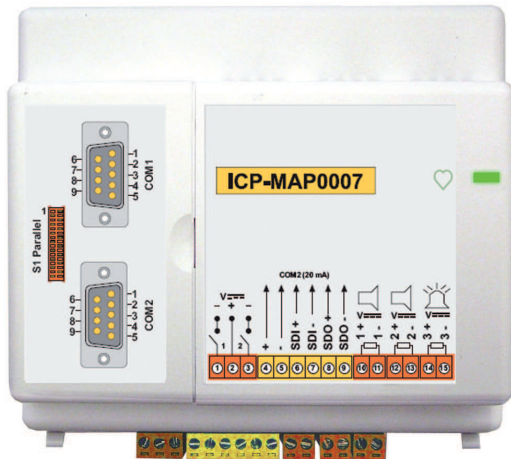


# ICP-MAP0007-2 Module for Germany

## Modular Alarm Platform 5000



This module is an interface module for communicator, printer and siren connections.

### Functions

#### S1 Parallel Interface

The module provides seven dedicated outputs and two dedicated inputs on the parallel interface for communicators and relay modules

#### RS-232 and 20mA Interfaces

The module provides two RS-232 and one 20mA COM port for communicators and printers

- COM1: Communicator
- COM2: Printer

#### Outputs

The module provides three polarity-reversing supervised (EOL 12.1 KΩ) outputs and two open-collector outputs.

#### Firmware Upgrades

The firmware of all devices in the MAP5000 system can be upgraded or updated with the Bosch Remote Programming Software (RPS for MAP). This allows for on-site or off-site (IP through Ethernet) upgrades or updates.

### Certifications and approvals

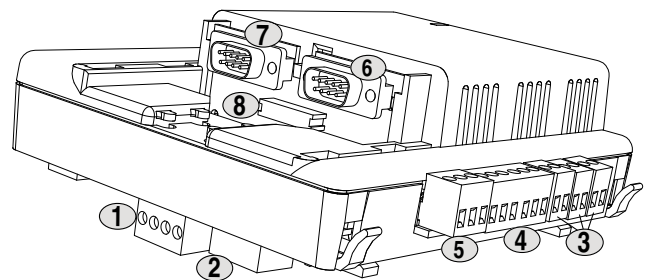
| Region  | Regulatory compliance/quality marks |                              |
|---------|-------------------------------------|------------------------------|
| Germany | VdS-S                               | S 112016 MAP 5000            |
|         | VdS                                 | G111040 Class C MAP 5000     |
|         | VdS                                 | G114801 Class C MAP 5000 COM |

- ▶ Supports GSM communicator connectivity
- ▶ Supports printer connectivity
- ▶ Supports VDS communicator via serial (S1S) and parallel (S1P) interfaces
- ▶ Provides three supervised outputs for sirens, strobes, and other devices
- ▶ Provides two open-collector outputs

| Region | Regulatory compliance/quality marks |                                  |
|--------|-------------------------------------|----------------------------------|
| Europe | CE                                  | MAP 5000                         |
|        | EN50131                             | Grade 3 MAP 5000                 |
|        | EN50131                             | SP4, DP3 MAP 5000 COM            |
| France | AFNOR                               | N1133400003A1 3 shields MAP 5000 |

### Installation/configuration notes

#### Terminals and Connectors



1. Bosch Data Bus
2. Bosch Data Bus
3. Outputs (supervised)
4. COM2 20mA interface
5. Outputs (open-collector)
6. COM2 RS232 interface

7. COM1 RS232 interface
8. S1 Parallel interface (Ribbon Cable Connector)

### Compatibility Information Control Panel

- MAP5000

### Interfaces

- COM1
  - ITS-MAP0008 (GSM Communicator)
  - External Communicator (ATx000)
- COM2
  - DR2020T Printer (20mA interface / max 1km)
  - Star Micronics SP512/712 serial printer (RS232 / max 3m)
  - Terminal Emulation (RS232 / max 3m)
- S1-Parallel (S1-P)
  - ICP-COM-IF2 Relay Module
  - External communicator (ATx000)

### Parts included

| Quantity | Component   |
|----------|---|
| 1        | ICP-MAP0007-2 Module for Germany (MAP5000 DE Module)  |
| 1        | Accessory pack <ul style="list-style-type: none"> <li>• Three 12.1 kΩ EOL resistors</li> <li>• Two 4-pin terminal plugs (green)</li> <li>• Three 2-pin terminal plugs (orange)</li> <li>• One 3-pin terminal plug (orange)</li> <li>• One 6-pin terminal plug (yellow)</li> </ul> |
| 1        | Installation Guide  |

### Technical specifications

#### Electrical

|                          |  |
|--------------------------|--|
| Operating voltage (VDC)  | 16 VDC – 29 VDC  |
| Rated voltage (VDC)      | 28 VDC   |
| Current consumption (mA) | 100 mA – 150 mA  |
| Outputs                  | <ul style="list-style-type: none"> <li>• open-collector (OC) 0.5 A / 28 VDC (total)</li> <li>• supervised output 1 A / 28 VDC</li> </ul> |

#### Mechanical

|                            |                            |
|----------------------------|----------------------------|
| Dimension (H x W x D) (cm) | 14.6 cm x 15.9 cm x 7.6 cm |
|----------------------------|----------------------------|

|            |                             |
|------------|-----------------------------|
| Weight (g) | 440 g                       |
| Indicator  | Green LED for device status |

#### Number of outputs

|                               |   |
|-------------------------------|---|
| Open-collector (OC)           | 2 |
| Supervised (reverse polarity) | 3 |

#### Environmental

|   |   |
|---|---|
| Operating temperature (°C)                      | -10 °C – 55 °C  |
| Storage temperature (°C)                        | -20 °C – 60 °C  |
| Operating relative humidity, non-condensing (%) | 5% – 95%  |
| Protection class                                | IP30<br>IP31 (built into the MAP5000 Panel Enclosure with an edge protection profile) |
| Security level                                  | IK04<br>IK06 (built into the MAP5000 Panel Enclosure with an edge protection profile) |
| Environmental class                             | II:<br>EN50130-5, VdS 2110  |
| Usage   | Indoor  |

### Ordering information

#### ICP-MAP0007-2 Module for Germany

Interface module for communicator, printer and siren connections.

Order number **ICP-MAP0007-2 | F.01U.245.559**

#### Accessories

##### ICP-MAP0140 Printer cable

3 m cable with 8-conductor for connecting the MAP5000 DE Module to a DR2020T printer.

Order number **ICP-MAP0140 | F.01U.074.766**

##### ICP-COM-IF2 Relay module

Relay module for MAP5000 Control Panels.

Order number **ICP-COM-IF2 | F.01U.389.310**

##### ICP-MAP0154 Ribbon cable

Connects the MAP5000 DE Module with an external communicator, for example the ICP-COM-IF Relay Module.

Order number **ICP-MAP0154 | F.01U.074.773**

##### ICP-MAP0152 Serial cable for AT2000

Connection between the MAP5000 DE Module and a transmission unit or the GPRS modem (ITS-MAP0008).

Order number **ICP-MAP0152 | F.01U.074.772**

## Services

### **EWE-MAPGER-IW 12 mths wrty ext MAP module for Germany**

12 months warranty extension

Order number **EWE-MAPGER-IW | F.01U.352.308**

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