

ICP-COM-IF



EN Installation guide

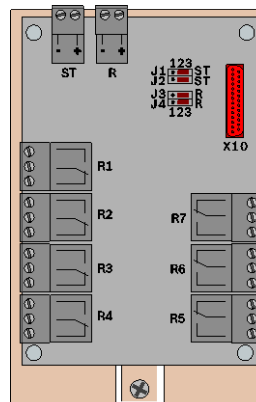


VdS class C G 111040
EN 50131-2-6 Grade 3

Description of the ICP-COM-IF Module

The ICP-COM-IF Module allows an isolated connection to be created between the MAP5000 (Interface Module DE) and an external communicator (for example the AT 2000) via the parallel S1 interface. The ICP-COM-IF Module offers:

- **Seven outputs:**
The output signals from the MAP Interface Module DE control the ICP-COM-IF Module relays that provide isolated changeover contacts (R1 to R7)
- **Two inputs:**
The inputs ST and R (for the "Communicator fault" or "Negative confirmation" signals, for instance) can be controlled via the following:
 - isolated contacts
 - C points (isolated via optocouplers)

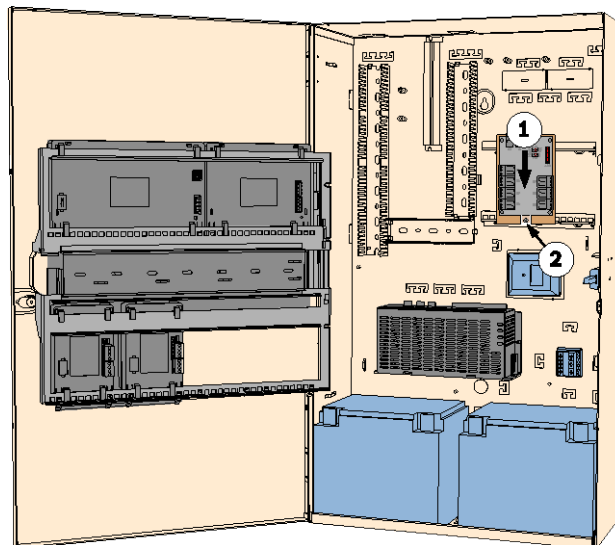


Notes for installation

- The ICP-COM-IF Module can be mounted on the hinged mounting plate or the mounting rails of the MAP control panel housing.
- A clearance of 15 mm is required on either side for subsequent wiring. Pull to disconnect the connectors.
- The enclosure of an external transmission unit has to be mounted side by side to the panel enclosure where the ICP-COM-IF module is mounted.

Mounting

1. Hook the ICP-COM-IF Module carrier plate into the existing breadboard of the hinged mounting plate or onto the mounting rails.
2. Use the screw provided to secure the carrier plate to the bottom rail.



Jumper settings

The inputs ST and R can be controlled via the following:

- isolated contacts
- C points (isolated via optocouplers)

To control the inputs via external "isolated contacts" or "C points", the jumpers must be connected as follows:

Input	Jumper setting	Description
ST	J1: 1 2 3 J2: 1 2 3 Control via isolated contact (factory default)	Control via isolated contact (factory default)
R	J3: 1 2 3 J4: 1 2 3 Control via isolated contact (factory default)	Control via isolated contact (factory default)
ST	J1: 1 2 3 J2: 1 2 3 Control via C point	Control via C point
R	J3: 1 2 3 J4: 1 2 3 Control via C point	Control via C point

Technical specifications

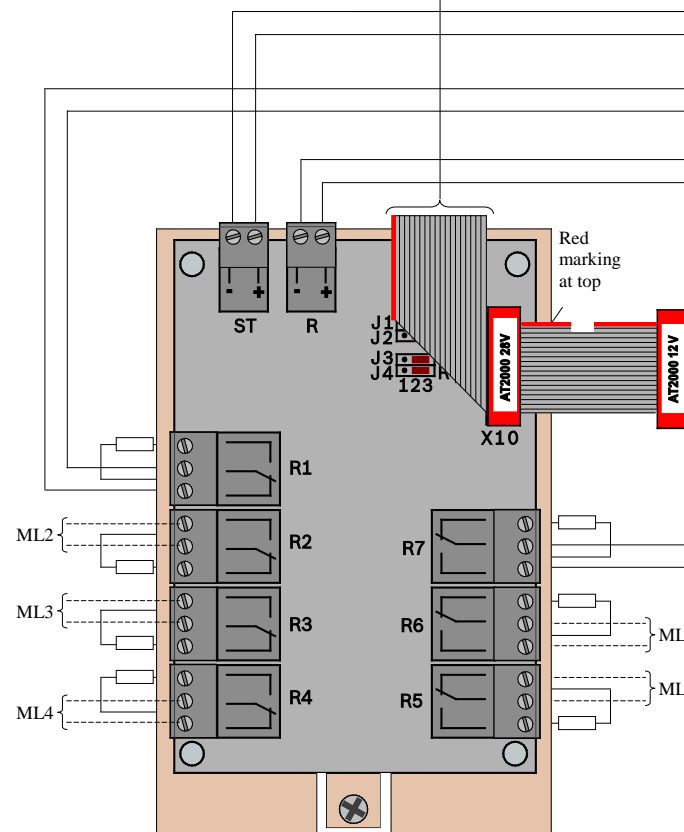
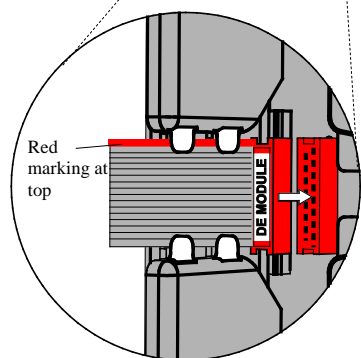
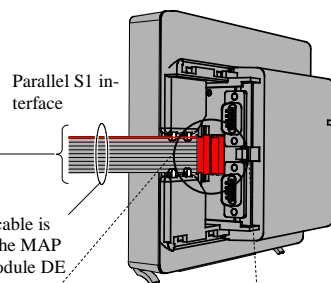
Rated voltage	+10 to +28 V DC
Rated current	67 mA at 28 V or 180 mA at 10 V
Relay contacts rating	3 A/120 V AC, 3 A/28 V DC
Temperature range	-25 °C to +55 °C
Weight	198 g
Dimensions (L x W x H)	132 mm x 85 mm x 20 mm (5.2 inches x 3.3 inches x 0.8 inches)

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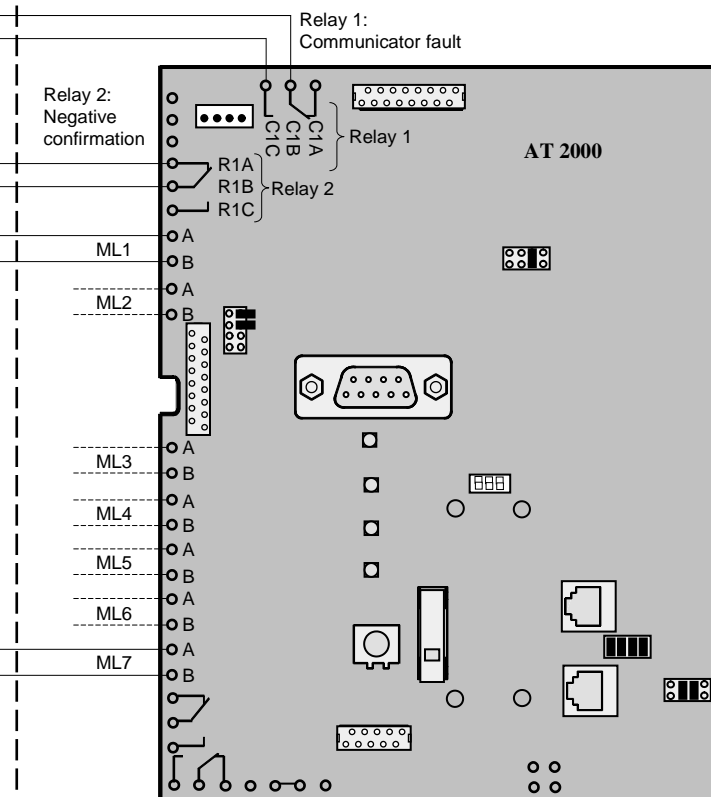
MAP Interface Module DE



1. The size of the terminal resistors (R_E) to be looped in depends on the communicator (for example 10 k for the AT 2000).
2. Pull to disconnect the connectors.

Relays	Output/input	Stand-by mode	Activation with
R1	Output for the communicator alarm line ML1	On	Summary alarm
R2	Output for the communicator alarm line ML2	Off	Duress
R3	Output for the communicator alarm line ML3	Off	Holdup
R4	Output for the communicator alarm line ML4	On	Intrusion/Tamper
R5	Output for the communicator alarm line ML5	On	Summary Trouble
R6	Output for the communicator alarm line ML6	Off	Fire
R7	Output for the communicator alarm line ML7	Off	Armed (any area)
ST	Input from external communicator		Communicator fault
R	Input from external communicator		Negative confirmation

Remote communicator, for example the AT 2000



AT 2000 programming

- Relay 1: "Continuous activation", stand-by "on"
- Relay 2: "5 seconds", stand-by "off"
- ML1–ML7: Conventional Lines Intrusion