System overview

The ICP-COM-IF2 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-IF2 Module offers:

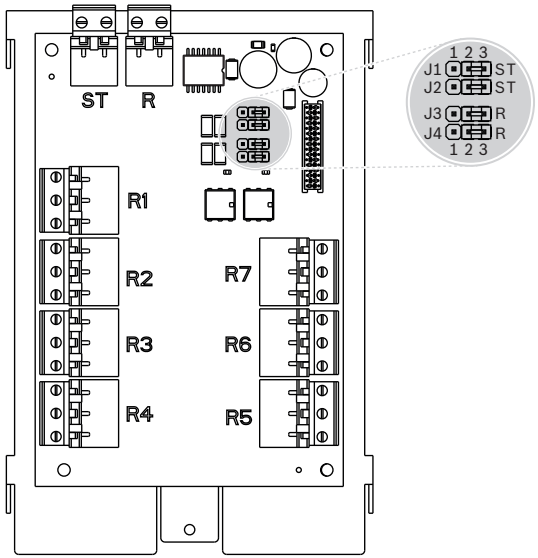
– **Seven outputs**

The output signals from the MAP Interface Module DE control the ICP-COM-IF2 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)



Installation Notes

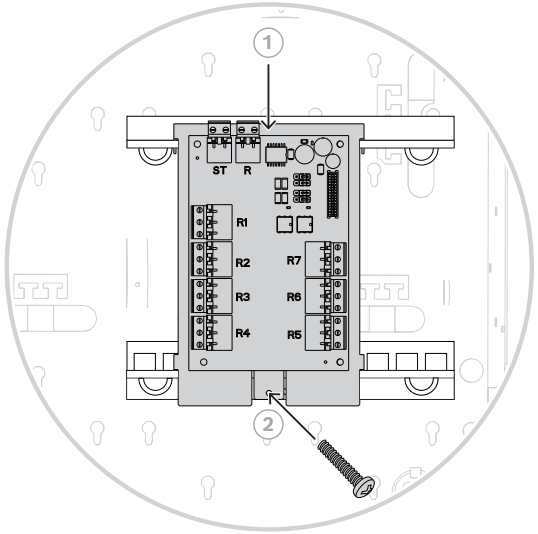
The ICP-COM-IF2 Module can be mounted on the hinged mounting plate or the mounting rails of the MAP control panel housing.

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-IF2 module is mounted.

Mounting

1. Hook the ICP-COM-IF2 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:

– isolated contacts
– C points (isolated via optocouplers)

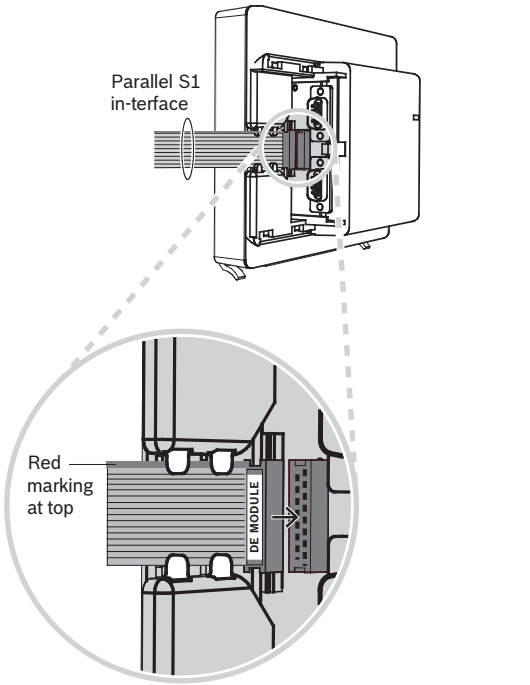
To control the inputs via external "isolated contacts" or "C points", the jumpers must be connected as follows:

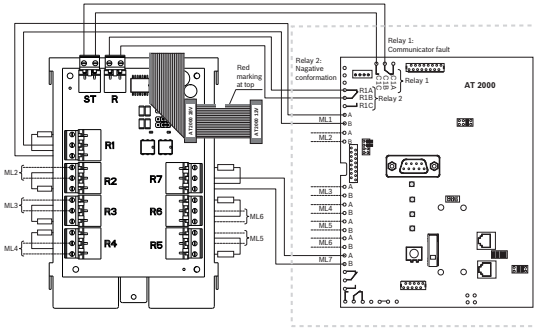
Input	Jumper setting	Description
ST	1 2 3 J1 ST J2 ST 1 2 3	Control via isolated contact (factory default)
R	1 2 3 J3 R J4 R 1 2 3	Control via isolated contact (factory default)
ST	1 2 3 J1 ST J2 ST 1 2 3	Control via C point
R	1 2 3 J3 R J4 R 1 2 3	Control via C point

Installation

MAP Interface Module DE

The ribbon cable is attached to the MAP Interface Module DE.





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

AT 2000 programming

– Relay 1: “Continuos activation”, stand-by “on”
– Relay 2: “5 seconds”, stand-by “off”
– ML1-ML7: Conventional Lines Intrusion

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

Technical data

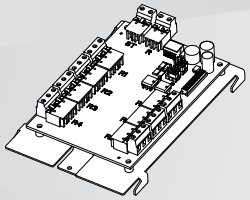
Rated voltage	+10 to +28 V DC
Rated current	67 mA at 28 V or 180 mA at 10 V
Relay contacts rating	3 A/120 V AC, 3 A/28 V DC
Temperature range	–25 °C to +55 °C
Weight	198g
Dimensions (L x W x H)	132 mm x 85 mm x 20 mm (5.2 in x 3.3 in x 0.8 in)

VdS class C G 111040

EN 50131-2-6 Grade 3

ICP-COM-IF2 Relay Module

ICP-COM-IF2



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