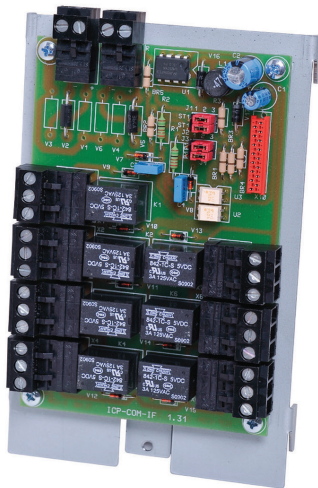


# ICP-COM-IF Relay Module

www.boschsecurity.com



**BOSCH**  
Invented for life



- ▶ 7 isolated outputs
- ▶ 2 isolated inputs
- ▶ Compact design
- ▶ Mount suitable for use with hinged mounting frame and mounting rails
- ▶ Connection via screw terminals

The ICP-COM-IF Relay Module is primarily intended for connecting external communicators to MAP5000 Control Panels.

## Functions

- 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 relay module can be attached to the existing hinged mounting frame or into the mounting rails and secured in place.
- 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 control and relay inputs (for the "Communicator fault" or "Negative confirmation" signals, for instance) can be controlled via isolated contacts and C points (isolated via optocouplers)

## Certifications and approvals

The relay module is designed to comply with the following certifications and standards:

Region	Certification	
Europe	EN	EN 50131-3 Grade 3
France	AFNOR	NF&A2P Grade 3 (when report is completed from CNPP Lab) Certificate Number 12xxxxxxx (when released by CNPP Cert) According to NF324-H58

Region	Certification	
Germany	VdS	G111040 ICP-MAP-5000
Europe	CE	EN 55022, EN 50130-4, EN 6100-3-2, EN 6100-3-3, EN 60950-1 MAP 5000 family

## Parts included

Number	Component
1	ICP-COM-IF Relay Module

## Technical specifications

### Electrical

Minimum operating voltage in VDC	10
Maximum operating voltage in VDC	28
Minimum current consumption in mA	67
Maximum current consumption in mA	180
Relay contacts rating	3 A / 120 VAC, 3 A / 28 VDC

### Mechanical

Dimension in cm (H x W x D)	13.2 x 8.5 x 2.0
Weight in g	198
Terminal strip	Screw terminal

### Environmental

Minimum operating temperature in °C	-25
Maximum operating temperature in °C	55
Environmental class	II: EN50130-5, VdS 2110

## Ordering information

### ICP-COM-IF Relay Module

Relay module for MAP.  
Order number **ICP-COM-IF**

### Accessories

#### MAP Ribbon Cable

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

Order number **ICP-MAP0154**

#### Represented by:

##### Americas:

Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

##### Europe, Middle East, Africa:

Bosch Security Systems B.V.  
P.O. Box 80002  
5617 BA Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

##### Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

##### China:

Bosch (Shanghai) Security Systems Ltd.  
203 Building, No. 333 Fuquan Road  
North IBP  
Changning District, Shanghai  
200335 China  
Phone +86 21 22181111  
Fax: +86 21 22182398  
www.boschsecurity.com.cn

##### America Latina:

Robert Bosch Ltda Security Systems Division  
Via Anhanguera, Km 98  
CEP 13065-900  
Campinas, Sao Paulo, Brazil  
Phone: +55 19 2103 2860  
Fax: +55 19 2103 2862  
latam.boschsecurity@bosch.com  
www.boschsecurity.com