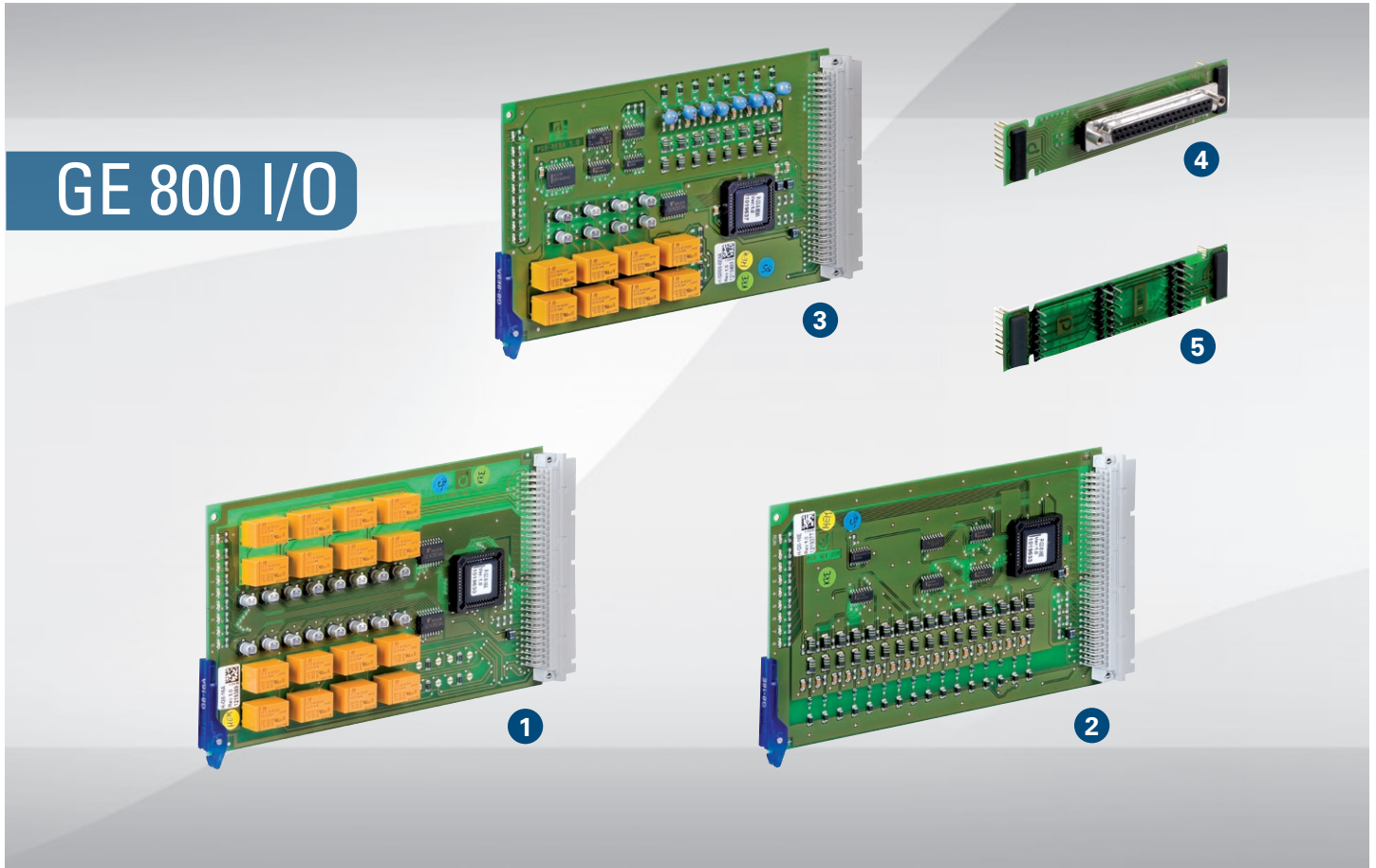


## GE 800 I/O



## Input/Output Cards for GE 800

The input/output cards are part of the unique interface concept of the Intercom Server GE 800. They enable various control and indication functions and thus upgrade the Intercom Server to a universal control unit for all kinds of actors and sensors.

The different designs of these cards allow flexible configuration, adapted to the customer's needs. The inputs read in floating contacts, the outputs are relay contacts, designed as make contact, open contact or changeover contact.

1. **G8-16A**  
Plug-in card with 16 outputs (10 individual normally open contacts, 6 normally open contacts with one common ground).
2. **G8-16E**  
Plug-in card with 16 inputs for floating (volt-free) contacts.
3. **G8-8E8A**  
Plug-in card with 8 inputs for floating (volt-free) contacts and 8 outputs (4 normally open contacts, 4 can be connected as normally open contacts, normally closed contacts or changeover contacts).
4. **G8A-I**  
Installation board for the input/output cards with 37-way D-Submin plug.
5. **G8A-K**  
Installation board for the input/output cards with screw terminals.

# Technical Data - Benefits

## TECHNICAL DATA

Operating temperature range:	0° C to +50° C (32° F to 122° F)
Storage temperature range:	-30° C to +60° C (-22° F to 140° F)
Relative humidity:	20% to 80%
Plug:	card: 96-way pc board connector according DIN 41612
Power supply:	from Intercom Server
Emergency power consumption G8-16A:	minimum: 10 mAh/h (idle) maximum: 250 mAh/h (all relays active)
Emergency power consumption G8-16E:	minimum: 10 mAh/h (idle) maximum: 70 mAh/h (all inputs active)
Emergency power consumption G8-8E8A:	minimum: 10 mAh/h (idle) maximum: 170 mAh/h (all relays and all inputs active)
Measurements:	100 x 167 mm (3.94 x 6.58 inch)
Weight including package:	G8-16A: 210 g (0.46 lbs) G8-16E: 165 g (0.36 lbs) G8-8E8A: 190 g (0.42 lbs)

## OUTPUTS

System:	Floating relay contacts
Maximum switching power:	60 W / 125 VA
Maximum switching current:	2 A
Maximum switching voltage:	60 VDC / 40 VAC

## INPUTS

System:	for floating relay contacts
Maximum line resistance:	600 Ω

## BENEFITS

- Monitoring of inputs (e.g. sensors, door status, barrier broken, etc.)
- Control of contacts (e.g. door opener relay, barrier control, etc.)
- Each input can read in 5 different states: Idle mode, Active 1, Active 2, Short circuit, Line fault.

## SYSTEM REQUIREMENTS

- Intercom Server Software min. PRO 800 1.0
- Configuration Software min. CCT 800 1.0
- For installation a installation board G8A-I or G8A-K is required.

## EXTENT OF SUPPLY

- 1 input/output card including:
- Short reference



# Installation

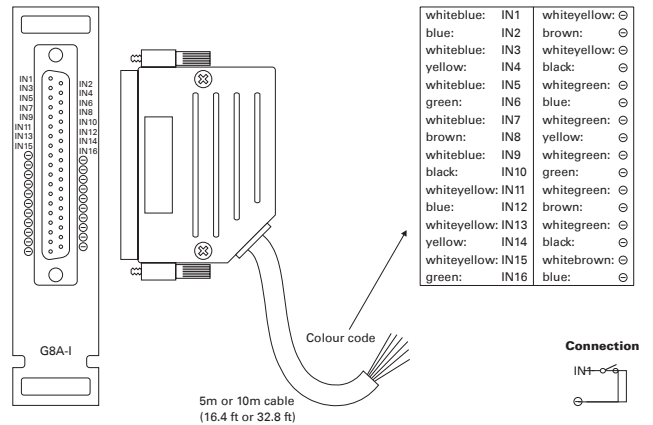
## PRECAUTIONS

- ESD precautions must be observed.
- Cards may be inserted or removed only with voltage switched off.
- Mounting and installation of the Intercom Servers and of the equipment may be carried out by authorised service personnel only.
- No voltage may be connected to the inputs of the G8-8E8A and G8-16E. Only FLOATING CONTACTS like e.g. relay contacts, contactors, keys or switches may be connected.

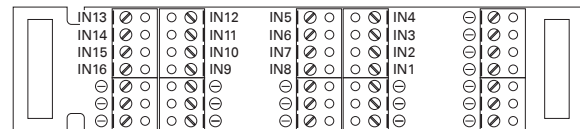
## MOUNTING INSTRUCTIONS

- For connection the installation board G8A-I or G8A-K can be used.
- The cards can be installed in the slots 1 to 14 of the Intercom Server.

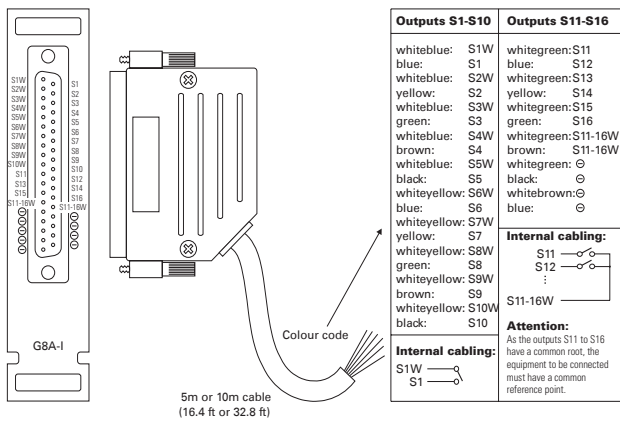
## INSTALLATION BOARD G8A-I FOR G8-16E



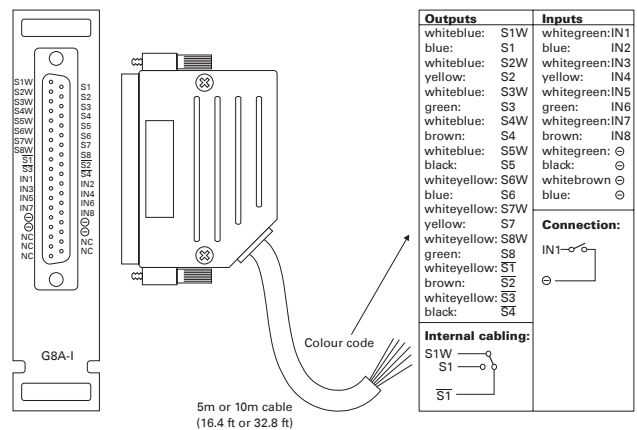
## INSTALLATION BOARD G8A-K FOR G8-16E



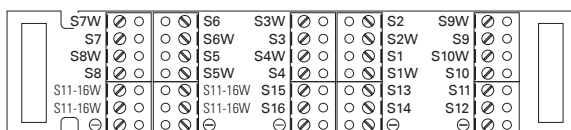
## INSTALLATION BOARD G8A-I FOR G8-16A



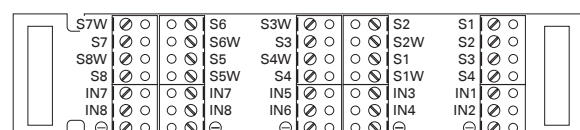
## INSTALLATION BOARD G8A-I FOR G8-8E8A



## INSTALLATION BOARD G8A-K FOR G8-16A



## INSTALLATION BOARD G8A-K FOR G8-8E8A



## QUALITY TESTED. RELIABLE. SMART.

COMMEND products are developed and manufactured by Commend International in Salzburg, Austria.

The development and manufacturing processes are certified in accordance with **EN ISO 9001:2008**.

The technical data contained herein has been provided solely for informational purposes and is not legally binding. Subject to change, technical or otherwise. IoT<sup>®</sup>, OpenDuplex<sup>®</sup> and Commend<sup>®</sup> are trademarks registered by Commend International GmbH. All other brands or product names are trademarks or registered trademarks of the respective owner and have not been specifically earmarked.

## A STRONG WORLDWIDE NETWORK

COMMEND is represented the world over by local Commend Partners and helps to improve security and communication with tailored solutions.

[www.commend.com](http://www.commend.com)

