

ET 8E8A-IP

IP I/O module



8 Inputs

8 Outputs

Supply via
PoE

Fully
integrated

The perfect solution for remote input and output control

The IP-based I/O module provides the entire Commend line of Intercom Servers with useful control connections to external components to ensure added value for operators.

As a result, intelligent door/gate control is as easy to implement as automatic trigger mechanisms for emergency flash lights or sirens, live status displays, and a wide range of other applications that would otherwise require the purchase of external control systems.

Self-monitoring of all control connections is an additional benefit that ensures low-maintenance operation.

All in all, the IP-based I/O module offers an easy, cost-efficient way to add input/output control to existing systems.

Features and Highlights

- Fully integrated solution, i.e. the module can be used with the Intercom Servers S3, S6, VirtuoSIS, GE 800, GE 300 and IS 300
- Easy wiring (only one Ethernet cable with PoE necessary)
- Easy installation via DIN rail mounting
- Wide range of applications, i.e. the module can be used wherever an IP infrastructure is available
- 8 inputs for floating contacts and 8 relay outputs
- IP downlink to connect further IP devices

ET 8E8A-IP

Technical specifications

Technical data

Inputs:	8 inputs for floating contacts (IoIP: detection of 5 input states)
Outputs:	8 relay outputs max. 30 V / max. 3 A (4 x normally open contact, 4 x change-over contact)
Operating temperature range:	0 °C to +50 °C (+32 °F to +122 °F)
Storage temperature range:	-25 °C to +70 °C (-13 °F to +158 °F)
Relative humidity:	up to 95 %, not condensing
Connection:	IP uplink/downlink: shielded RJ45 jacks inputs/outputs: screw terminals (terminal cables up to 1.5 mm ²)
PoE (Power over Ethernet):	following IEEE 802.3af power consumption of the terminal device: Class 2 (3.84 W to 6.49 W)
Device class:	ES1, PS2 per IEC/EN 62368-1
Network cabling:	min. Cat. 5, shielded
Dimensions (W x H x D):	150 x 110 x 60 mm (5.9 x 4.33 x 2.36 in) incl. screw terminals and top hat rail bracket
Weight incl. package:	approx. 850 g (1.87 lbs)

Line length in LAN

The maximum line length of Cat. 5 cabling in a LAN is 100 m (328 ft) – e.g. from switch to module.

Extent of supply

- IP-I/O module incl. pre-assembled top hat rail bracket
- Wall mount kit
- Short reference

System requirements

Intercom Server

- GE 800/GE 300 (min. PRO 800 6.0) with G8/G3-IP (card firmware min. 6.4)
- IS 300/G8-IP-32 (min. PRO 800 6.0, card firmware min. 6.3 Build 5)
- S3/S6/VirtuoSIS (min. 6.0)
- GE 700/GE 200 (min. PRO 05.7C) with G7/G2-DSP-IP

Configuration software

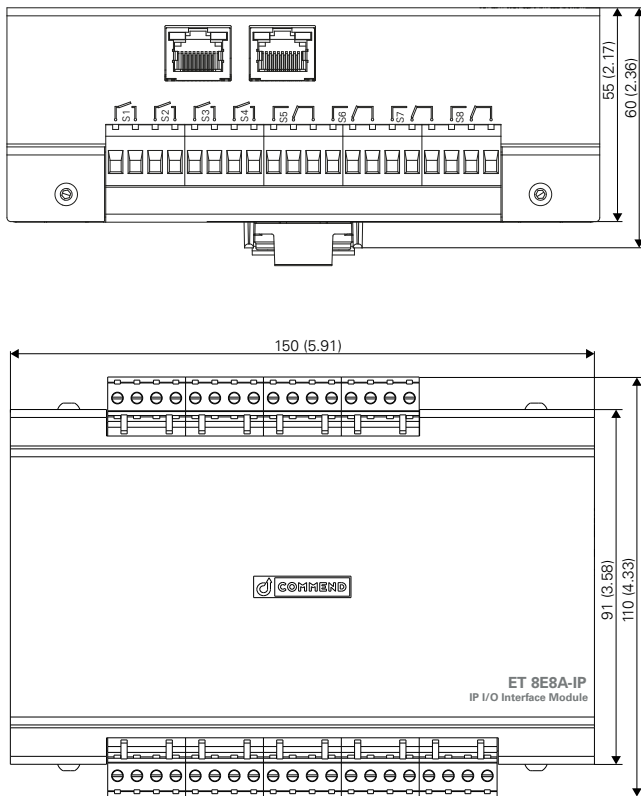
- CCT 800 (version 8.1)
- IP Station Config (included in the setup of CCT 800)

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Installation instructions

Dimensions

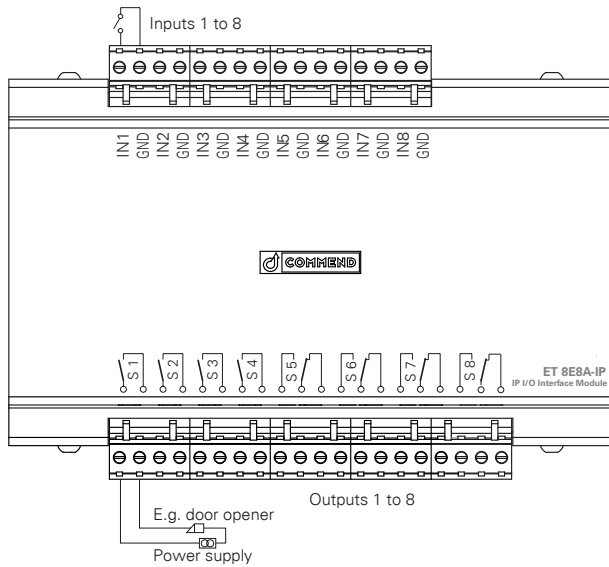
Measuring units in mm (in), not to scale!



Safety instructions

- This device must be installed or replaced by trained and qualified personnel only.
- Before using the device, make sure all cables are connected correctly and are undamaged.
- Disconnect all power supplies before performing any maintenance work on the device.
- Allow the device to cool down completely before touching any parts.
- Install or store this device out of the reach of children and do not allow persons unfamiliar with the device or its instructions to handle and operate it.
- All connected circuits must meet the safety requirements for ES1 (cf. SELV acc. IEC/EN 60950-1) and PS2 (limited power source) according to IEC/EN 62368-1.
- This is a Class A product (standard EN 55032). In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.
- Due to safety regulations the device must be mounted at a height of less than 2 m (6.65 ft).
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Connection



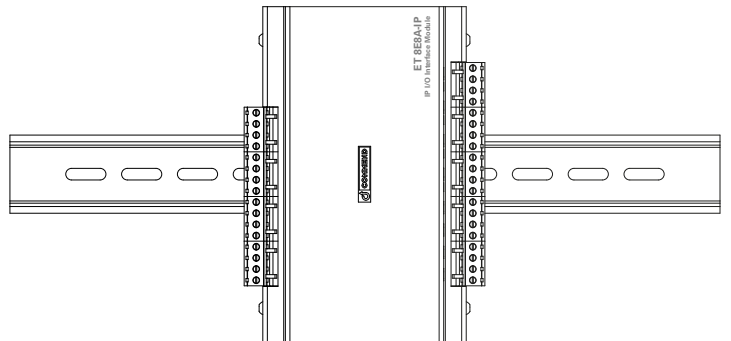
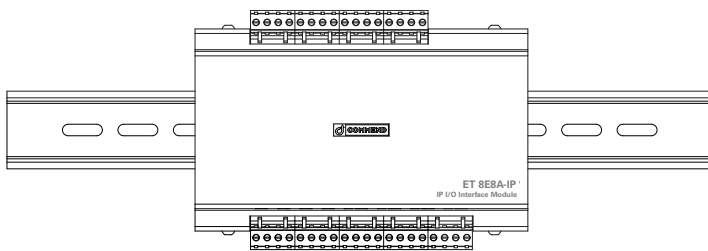
- The IP I/O module can only be supplied with PoE via RJ45 jack "uplink".
- Further IP devices can be connected via RJ45 jack "downlink".

Attention:

- If multiple ET 8E8A-IP are connected in series, only the first device will be supplied with PoE. All further devices connected in series must be supplied separately by PoE injector.
- The possible amount of ET 8E8A-IP per Intercom Server has to be calculated depending on the number of activated inputs and outputs with activated setting „enable full functionality“. For details see „Extended clients“ in the manual „Intercom Server Configuration“.

Mounting

- Use shielded Ethernet cables only.
- The device must be connected to a grounded PoE switch.
- To mount the module vertically, turn the top hat rail bracket at the rear of the module.



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 9001:2015**.



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