

## ET 8E8A



## Remote Input-/Output Unit ET 8E8A

This module enables the management of remote inputs and outputs in complex systems far from the central. Data is transmitted fully digital via 2-wire lines to the central. Managing of 8 inputs with 5 steps and 8 outputs, thereof 4 make- and 4 change-over contacts. Status-LEDs

for all inputs and outputs show the function at a glance, additionally the line from the ET 8E8A to the central is continuously monitored. Mounting is possible in a 19" rack on a DIN rail or with the supplied mounting rail for wall mounting.

### 1. ET 8E8A

Remote input- / output unit with 8 inputs (5 steps) and 8 outputs (4 make and 4 change over contacts).

# Technical Data – Benefits

## TECHNICAL DATA

Inputs:	8 inputs for floating contacts
Outputs:	8 relay outputs 30 V/3 A
Status indication:	Status-LEDs for all inputs and outputs
Operating temperature range:	-20° C bis +60° C (-4° F to 140° F)
Storage temperature range:	-20° C to +60° C (-4° F to 140° F)
Relative humidity:	up to 95 %
Plug:	plugable screw terminals
Cabling:	star feed, 2-wire, twisted
Power supply:	from central option: external, floating supply for greater line length (8–24 VAC or 10–35 VDC, 500 mA)
Measurements:	105 x 105 x 62 mm (4.14 x 4.14 x 2.44 inch) (incl. mounting rail)
Weight incl. package:	350 g (0.8 lbs)

## EXTENT OF SUPPLY

- 1 Input-/Output unit including:
- Mounting rail, screws and dowels for wall mounting
  - Short reference

## SYSTEM REQUIREMENTS

- GE 200 with G2-GED-4 or GE 700 with G7-GED-4
- Central software min. Pro 05.0

## BENEFITS

- Ideal for remote inputs and outputs
- Star feed cabling via 2-wires to central
- Fully digital transmission of data to the central
- Can be connected to every 2-wire subscriber
- 8 inputs with 5 steps
- 8 outputs with 4 make contacts and 4 change-over contacts
- Screw terminals for use with cables up to 1.5 mm<sup>2</sup> (16 AWG)
- Status-LEDs for all outputs
- Status-LEDs for all inputs
- Rack mounting on DIN rail
- Wall mounting with included mounting rail
- Line fault monitoring from ET 8E8A to central

## LINE LENGTH ET8E8A – SUBSCRIBER CARD

Cable type: AWG:	ø 0.5 mm 24	ø 0.6 mm 22	ø 0.8 mm 20
F-YAY (Installation cable PVC, 100 nF/km, 30.5 nF/1,000 ft)	750 m (2,460 ft)	1,000 m (3,281 ft)	2,000 m (6,562 ft)
F-YAY with external Supply	2,000 m (6,562 ft)	2,000 m (6,562 ft)	2,000 m (6,562 ft)
J-02YS(St)Y (Cat. 5 ca- ble, foamed polyethyle- ne, 45 nF/km, 13.7 nF/1,000 ft)	750 m (2,460ft) (1,000 m / 3,281 ft with max. 4 relays),	1,000 m (3,281 ft)	2,000 m (6,562 ft)
J-02YS(St)Y with external Supply	3,000 m (9,843 ft)	3,000 m (9,843 ft)	3,000 m (9,843 ft)



# Installation

## PRECAUTIONS

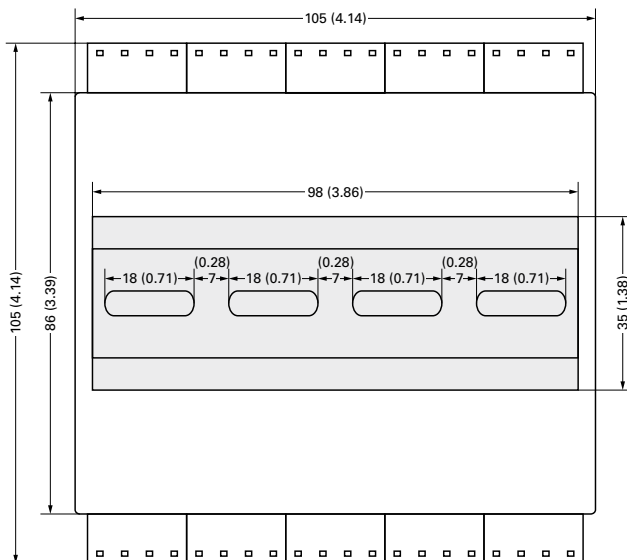
- ESD precautions must be observed.
- The station may only be installed by authorised service engineers.

## MOUNTING INSTRUCTIONS

- Do not expose the station to extreme temperature (under  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  or above  $+60^{\circ}\text{C}/140^{\circ}\text{F}$ ).
- Each card G2-GED-4 or G7-GED-4 can handle one ET 8E8A, that corresponds to 8 x ET 8E8A in a GE 200 or 12 x ET 8E8A in a GE 700.

## MEASUREMENTS

Bottom view with mounting rail for wall mounting.  
Measuring units: mm (inch), not scale!



## CONNECTION DIAGRAM

