

8-channel Discrete Input

230 V ac, isolated, sinking

8113-DI-AC

- 8 discrete isolated inputs
- 230 V ac field voltage sources
- User definable input threshold
- Pulse counting option

MODULE SPECIFICATION

See also System Specification

INPUTS

Number of channels

- 8

OFF voltage

- < 68 V ac

ON voltage

- > 168 V ac

Wetting current

- 1 mA (nom.) @ 230 V ac

Maximum input voltage

- 265 V ac

Frequency

- 50 / 60 Hz

CONFIGURABLE PARAMETERS

Selectable input filter

- Fast, slow or user defined

(User defined permits 0 to 512 ms values in 2ms steps)

Latch inputs

- Enable / Disable

Latch polarity

- Latch on high / latch on low

Pulse counting

- Enable / Disable

RESPONSE TIME

I/O response time

- Field event to new data available on Railbus – 33 ms (max.)

POWER SUPPLIES

Railbus (12V) current

- 40 mA (typ.)
- 60 mA (max.)

Bussed Field Power

- Not required

MECHANICAL

Module Key Code

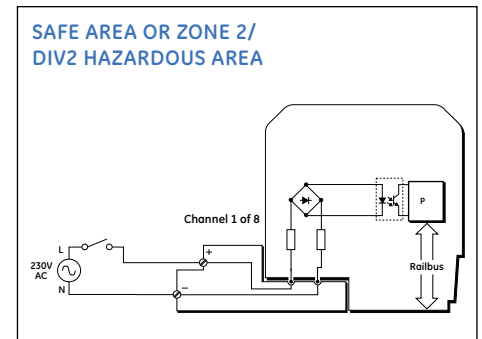
- E5

Module width

- 42 mm

Weight

- 170 g



FIELD TERMINALS

Field Wiring	Recommended Field Terminal	Compatible Field Terminal
General purpose	8602-FT-ST Standard†	8604-FT-FU Fused
Class 1, Div 2 or Zone 2 hazardous area	8610-FT-NI Non-arcing†	8611-FT-FU Non-arching Fused

† External fusing of the Field Power supply is recommended in order to protect the field wiring.