

# 8-channel Discrete Input

115 V ac, isolated, sinking

## 8111-DI-AC

- 8 discrete inputs
- 115 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

- < 34 V ac

#### ON voltage

- > 84 V ac

#### Wetting current

- 2 mA (nom.) @ 115 V ac

#### Maximum input voltage

- 130 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

- Not required

### MECHANICAL

#### Module Key Code

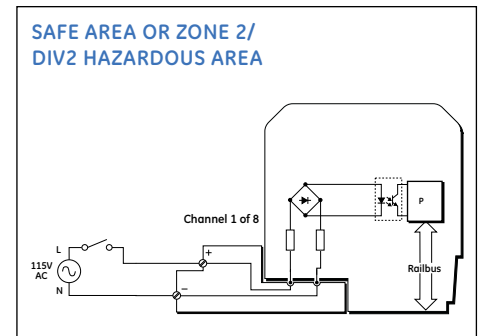
- E4

#### 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	8601-FT-NA Non-arching†	8611-FT-FU Non-arching Fused

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