

8-channel Discrete Input

115 V ac, non-isolated, module powered

8112-DI-AC

- 8 discrete inputs
- For dry contact switches.
- 115 V ac provided on input high side
- Returns commoned internally
- Pulse counting option
- 115 V ac Bussed Field Power required

Frequency

- 50 / 60 Hz

MECHANICAL

Module Key Code

- E1

Module width

- 42 mm

Weight

- 170 g

MODULE SPECIFICATION

See also System Specification

INPUTS

Number of channels

- 8

OFF current

- < 0.56 mA

ON current

- > 1.4 mA

Wetting current

- 2 mA (nom.) @ 115 V ac

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.)

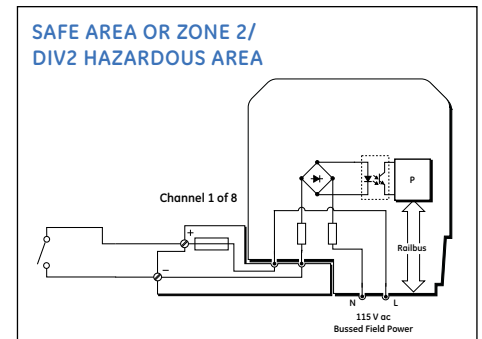
POWER SUPPLIES

Railbus (12V) current

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

Bussed Field Power

- 115 V ac ±10%



FIELD TERMINALS

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

† Alternative fusing in the field wiring is recommended if it is not provided in the field terminal.