

8-channel Discrete Input

230 V ac, non-isolated, module powered

8114-DI-AC

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

Frequency
• 50 / 60 Hz

MECHANICAL

Module Key Code
• E2

Module width
• 42 mm

Weight
• 170 g

MODULE SPECIFICATION

See also System Specification

INPUTS

- Number of channels**
• 8
- OFF current**
• < 0.28 mA
- ON current**
• > 0.71 mA
- Wetting current**
• 1 mA (nom.) @ 230 V ac

CONFIGURABLE PARAMETERS

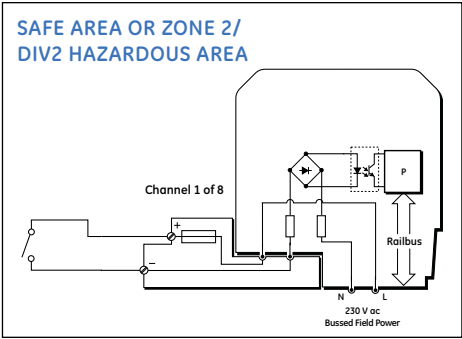
- Selectable input filter**
• Fast, slow or user defined
(User defined permits 0 to 512 ms values in 2ms steps)
- Latch inputs**
• Enable / Disable
- Latch polarity**
• Latch on high / latch on low
- Pulse counting**
• Enable / Disable

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**
• 207 to 265 V ac



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-arching Fused	8610-FT-NA Non-arching†

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