

# 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

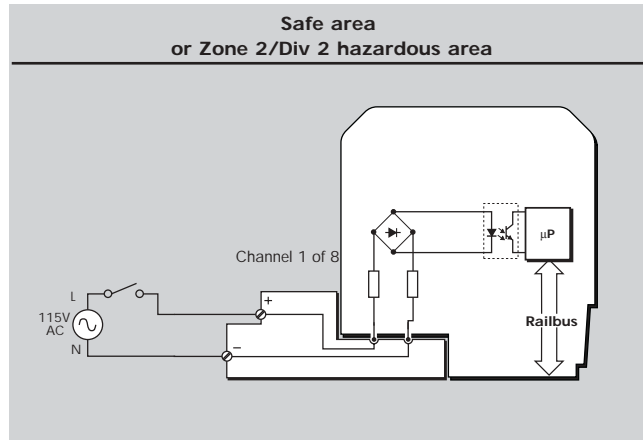
Number of channels .....	8
OFF voltage .....	< 34 V ac
ON voltage .....	> 84 V ac
Wetting current .....	2 mA (nom.) @ 115 V ac
Max. input voltage .....	130 V ac
Frequency .....	50 / 60 Hz

#### 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 Power .....	not required

#### MECHANICAL

Module Key Code .....	E4
Module width .....	42 mm
Weight .....	170 g

#### FIELD TERMINAL

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 areas	8610-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.

