

8-channel Discrete Output

20–265 V ac, isolated, unpowered

8118-DO-AC

- 8 fully isolated semiconductor switched outputs
- Controls solenoids and relays
- For load supplies of up to 265 V ac
- Discrete or pulsed outputs
- 1A per channel switched

MODULE SPECIFICATION

See also *System Specification*

OUTPUTS

Number of channels

- 8

Output voltage range

- 20–265 V ac

Frequency

- 50 / 60 Hz

ON voltage drop

- < 1.2 V

OFF leakage current

- 4 mA

Switched current per channel†

- Continuous – 1 A*
- For < 100ms – 5 A
- For < 20ms – 20 A

Minimum load current, per channel

- @ 115 V ac – 11 mA
- @ 230 V ac – 5 mA

CONFIGURABLE PARAMETERS

Output initialisation state

- Predefined value

Fail-safe

- Predefined value / last value

Output

- Discrete, momentary or continuous pulse‡

Pulse width

- 2 ms to 130 s

RESPONSE TIME

Response time (max.)

- From Railbus command to output change – 2 ms + 11/42 cycle of mains frequency

POWER SUPPLIES

Railbus (12V) current

- 75 mA (typ.)
- 125 mA (max.)

Bussed Field Power

- Not required

MECHANICAL

Module Key Code

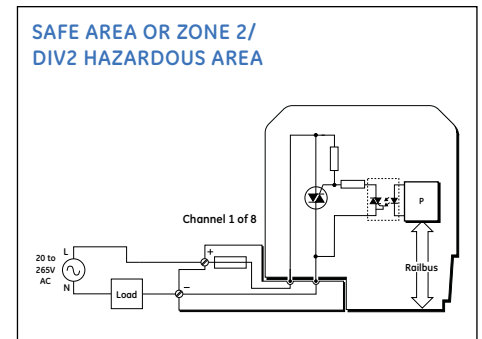
- F4

Module width

- 42 mm

Weight

- 220 g



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 |

NOTE: External fusing to protect field wiring is recommended.

† Stated figures are for operation with unfused field terminals. When operating with 2 A fused field terminal part no. 8604-FT-FU, maximum switched current is 5 A inrush for <10 ms pulse width at 0.1% duty cycle and <108 operations.

* Limited to 3 A per module.

‡ Consult GE for availability