

8-channel Discrete Output

2–60 V dc, isolated, unpowered

8117-DO-DC

- 8 fully isolated semiconductor switched outputs
- Controls solenoids and relays
- For load supplies of up to 60 V dc
- Discrete or pulsed outputs
- 1A per channel switched

MODULE SPECIFICATION

See also *System Specification*

OUTPUTS

Number of channels

- 8

Output voltage range

- 2–60 V dc

ON voltage drop

- 0.25 V (max.)

OFF leakage current

- 1.0 mA (max.)

Switched current per channel

- Continuous – 1 A
- For < 100ms – 4 A
- For < 20ms – 6 A

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

- From Railbus command to output change – 3 ms (max.)

POWER SUPPLIES

Railbus (12V) current

- 45 mA (typ.)
- 70 mA (max.)

Bussed Field Power

- Not required

MECHANICAL

Module Key Code

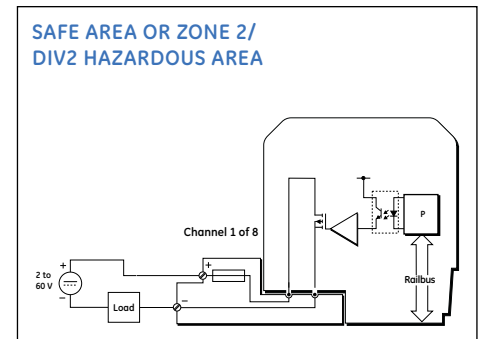
- B5

Module width

- 42 mm

Weight

- 200 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.

[‡] Consult GE for availability