

8-channel Discrete Output

2–60 V dc, non-isolated, module powered

8115-DO-DC

- 8 powered outputs
- Controls solenoids and relays
- Common load supply of up to 60 V dc
- Discrete or pulsed outputs
- 1A per channel switched current
- 2–60 V dc bussed field power required

MODULE SPECIFICATION

See also *System Specification*

INPUTS

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 < 100 ms – 4 A
- For < 20 ms – 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 – 1 ms (max.)

POWER SUPPLIES

Railbus (12V) current

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

Bussed Field Power

- 2 to 60 V dc

MECHANICAL

Module Key Cod

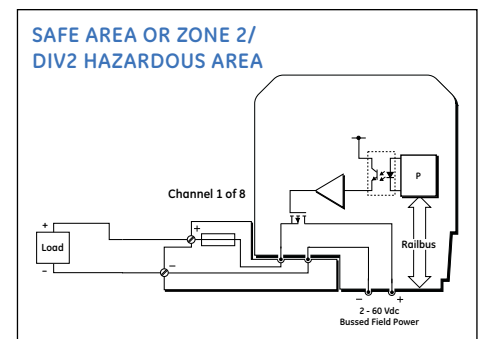
- B6

Module width

- 42 mm

Weight

- 200 g



FIELD TERMINALS

Field Wiring	Recommended Field Terminal	Compatible Field Terminal
General purpose	8604-FT-FU Fused	8602-FT-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.

^{††} The total instantaneous switched current should not exceed the following:
10 A for < 100 ms
18 A for < 20 ms

* Limited to 6 A per module

[‡] Consult GE for availability