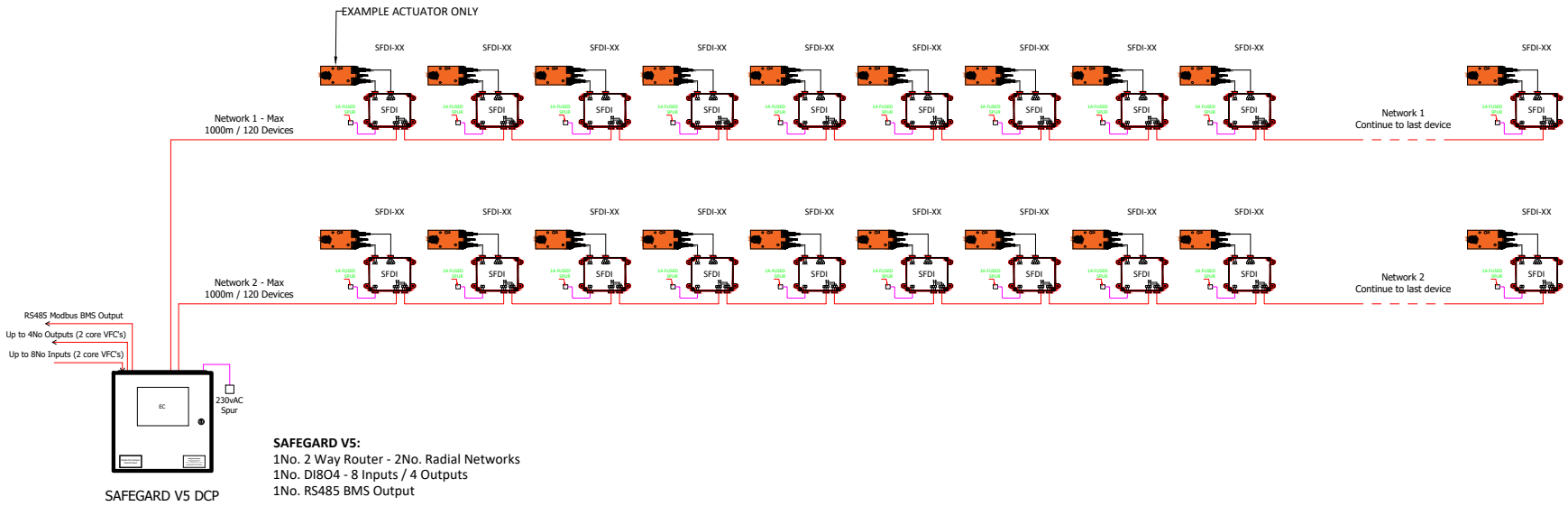
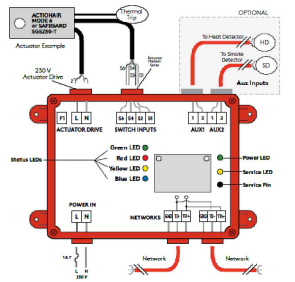


SAFEGARD V5:
1No. 2 Way Router - 2No. Radial Networks
1No. DI8O4 - 8 Inputs / 4 Outputs
1No. RS485 BMS Output

This is not an as-wired detail. Wiring sequence to be decided by electrical designer and / or electrical contractor.

SFDI-M Wiring



NOTES

Copyright: Safegard. This drawing is for information purposes only and should not be scaled.

- This is not an 'as-wired' schematic.
- It is recommended that all devices are wired on a dedicated life safety power supply.
- Standard network rules must be adhered to.

V5 Network Wiring & Rules

SFDI-M Wiring:

- Polarity sensitive.
- Send/Receive wires must match panel network output connection.
- Signal ground must be used.

Max Loop Channel Length - 1000m

Max Number of devices per Channel - 120

Recommend Network Cable for typical Safegard V5 Modbus system:

- Prysmian (Pirelli) FP200 Gold, 2 Core + E, 1.5mm^2
- Prysmian (Pirelli) FP200 Plus, 2 Core + E, 1.5mm^2
- Firetuf FT30, 2 Core + E, 1.5mm^2
- Firetuf FT120, 2 Core + E, 1.5mm^2
- AEI Firetech Enhanced, 2 Core + E, 1.5mm^2

REV	DATE	DESCRIPTION
1	18/02/26	FOR INFORMATION

DRAWN BY:	CHECKED BY:	APPROVED BY:
DMC	DD	

CUSTOMER:
CUSTOMER NAME

PROJECT:
PROJECT NAME

TITLE:
SAFEGARD V5 SYSTEM SCHEMATIC

DRAWING REF:	REV:
V5 Standard Schematic_Sch	1

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