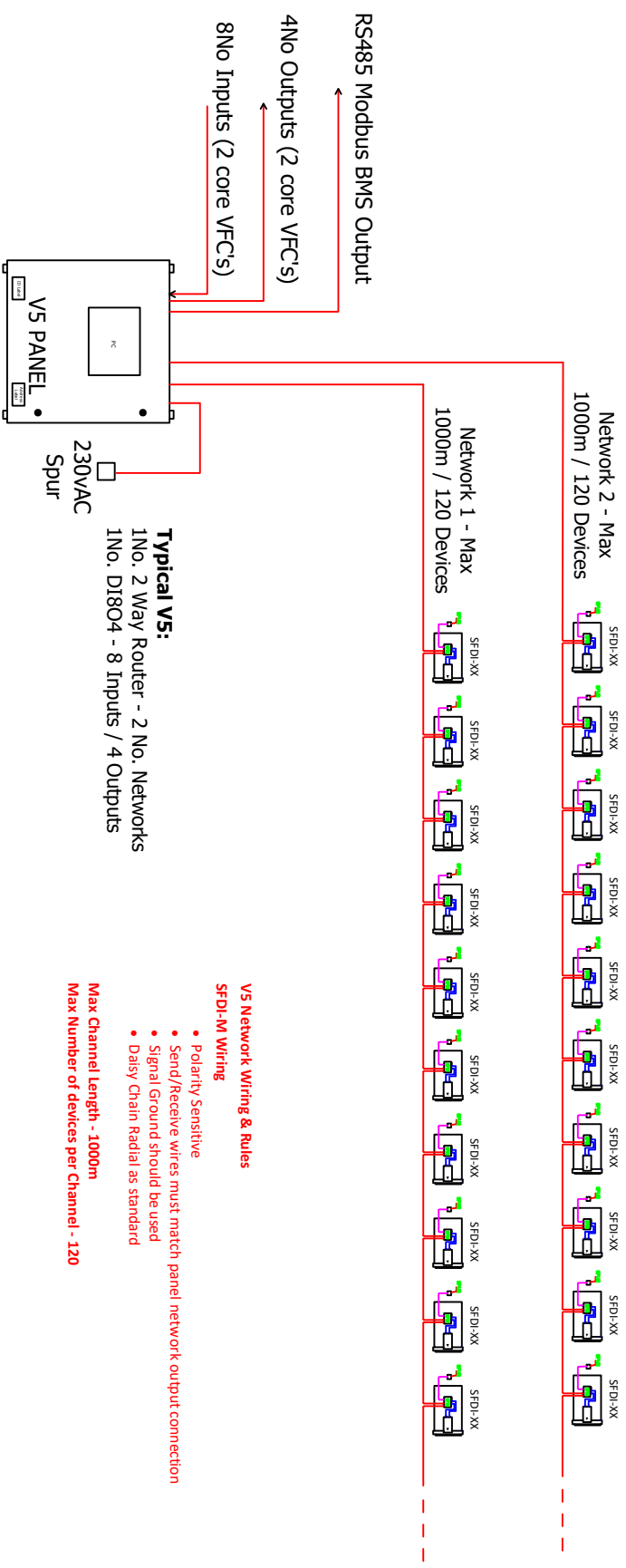
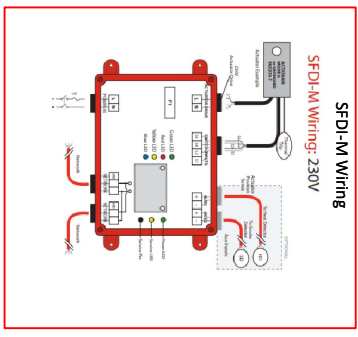
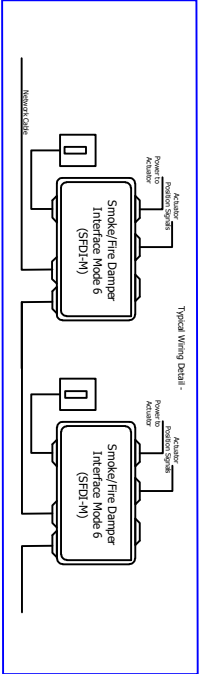


- Notes:**
- > It is recommended that all devices are wired on a dedicated life safety power supply
  - > Standard network rules must be adhered to
  - > **This is not an 'as-wired' schematic**
  - > Mode 5 - 24v Supply to SFDI
  - > Mode 6 - 230v Supply to SFDI



**Typical V5:**  
 1No. 2 Way Router - 2 No. Networks  
 1No. DI804 - 8 Inputs / 4 Outputs

**V5 Network Wiring & Rules**

- SFDI-M Wiring**
- Polarity Sensitive
  - Send/Receive wires must match panel network output connection
  - Signal Ground should be used
  - Daisy Chain Radial as standard

**Max Channel Length - 1000m**  
**Max Number of devices per Channel - 120**

**Recommended Network Cable:**

- Non Fire Rated Cable
- Belden 9841 NH, 2 Core, 0.22mm<sup>2</sup> conductor size
- Fire Rated Cable Options
- Prysmian (Pirelli) FP200 Gold, 2 Core, 1.5mm<sup>2</sup>
- Prysmian (Pirelli) FP200 Plus, 2 Core, 1.5mm<sup>2</sup>
- Firetuf FT30, 2 Core, 1.5mm<sup>2</sup> conductor size
- Firetuf FT120, 2 Core, 1.5mm<sup>2</sup> conductor size

Network 01. Approx ?no. devices.  
 Network 02. Approx ?no. devices.

ISSUE	DESCRIPTION	DATE	
1	For Information Only - Typical Schematic	17-07-19	
PROJECT	XXX	TITLE	Safeguard V5 Typical Schematic
CLIENT	XXX	DWG REF	XXX SCH1.dwg
ISSUE	1	DATE	17-07-19
		DRN BY	DMC
		SHEET	1 of 1



Unit 33 Southern Cross Business Park, Bray, County Wicklow,  
 A98 HT99, Ireland.  
 T: 00353 1 276 1600  
 E: Info@safeguard.ie W: www.safeguard.ie