

The **SLIO 8x8** is designed to undertake complex alarm monitoring and control functions. It has a powerful scripting engine which allows the user to create and download bespoke programmable logic functions.

This enables the **SLIO 8x8** to undertake a variety of repetitive monitoring and control tasks such as:

- Automatically setting and resetting alarms according to the time of day and day of the week.
- Counting cars in and out of a parking garage and inhibiting access when the garage is full.
- Sequencing and control of interlocking doors etc.

### Intelligence at the Point of Control

The Controller Area Network protocol is flexible in that it allows any device on the CAN network to talk directly to any other network device. All messages are made accessible to all devices on the network.

For example, when a **SLIO 8x8** detects a change in the fire alarm input it will broadcast an emergency status message across the network, telling every access control reader to assume 'emergency rules', thereby unlocking/securing its door.

All CAN messages are prioritised so in the event of several devices attempting to access the network simultaneously, higher priority messages take precedence over other messages.

The Borer **SLIO 8x8** features **8** relay outputs and **8** supervised digital inputs (open contact, closed contact, cut wire and shorted wire). This intelligent supervision ensures that security personnel are notified if an input circuit is tampered with or ypassed (cut or shorted).

### Features:

**User Programmable** scripting engine to perform complex monitoring and control functions

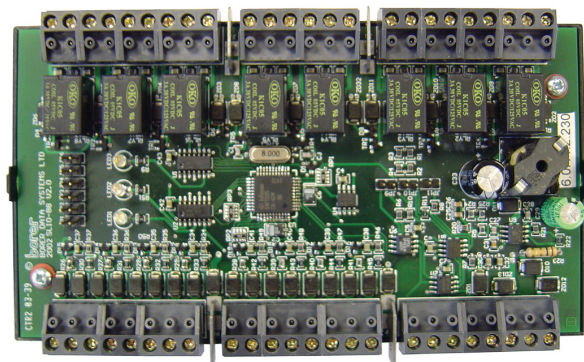
**High Level of Integration** with reduced component count leading to lower cost and more reliable equipment

**Less Hardware Deployed** resulting in easier installation, reduced maintenance and lower cost of ownership

**DIN Rail Mounted** for ease of installation and maintenance

**Plug and Play** makes for faster installation, commissioning and maintenance replacement

**Power over LAN** reduces the number of power supplies and mains outlets required, cutting the overall installation cost

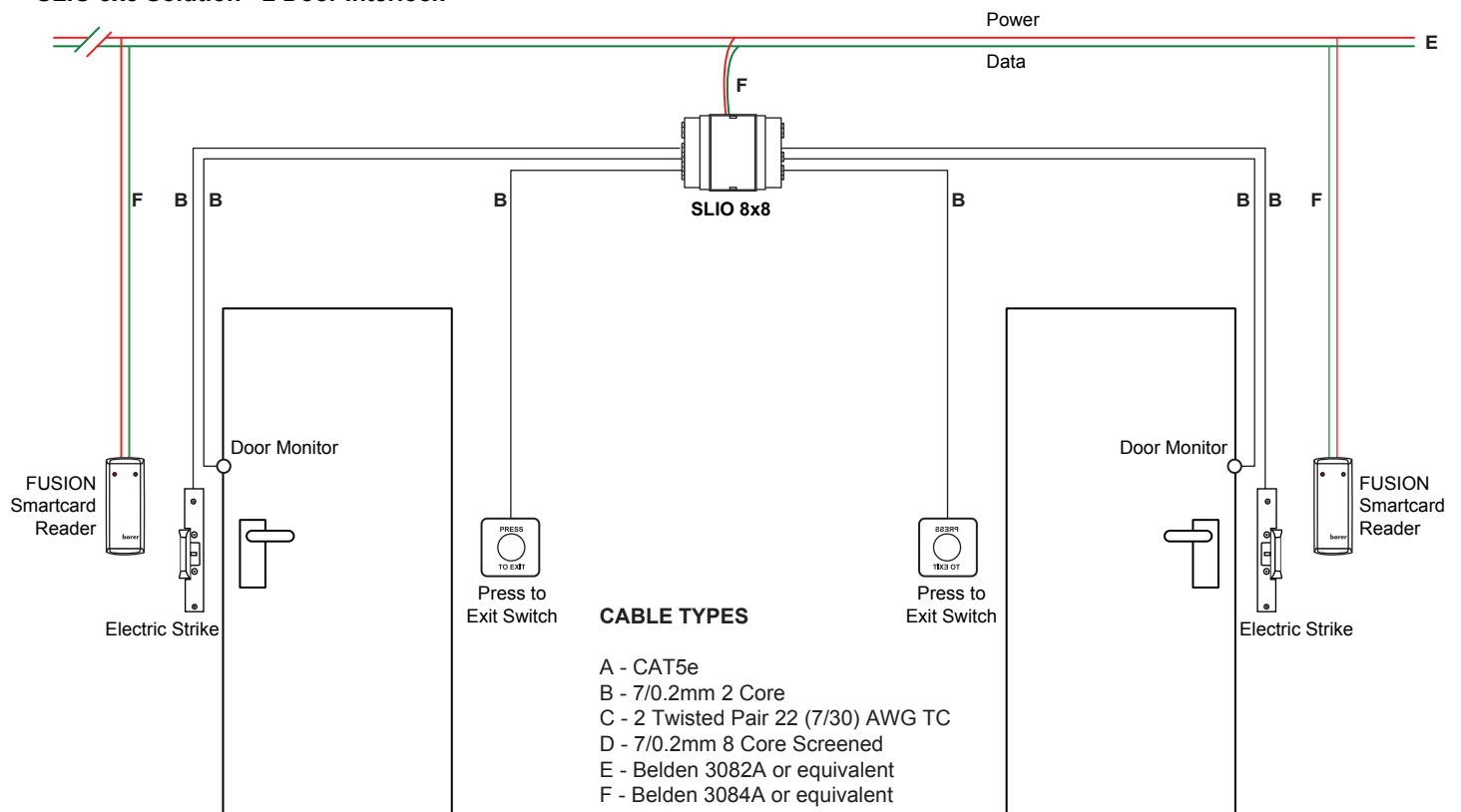


Power Over Ethernet Technology - Delivering both Power and Data over CAT5e/6 - Green Clean Design

## Technical

<b>Installation:</b>	Borer SLIO 8x8 digital Input/Output are housed in DIN rail mounted enclosures for ease of installation and maintenance
<b>Enclosure Colour</b>	Ivory
<b>Power Supply</b>	10 to 28 volts DC, 25mA @ 24 Volts DC
<b>Controller Dimensions/Weight:</b>	156 x 85 x 15 mm / 150g
<b>Enclosure Dimensions/Weight:</b>	156 x 85 x 60 mm / 160g
<b>Environmental Humidity Range:</b>	Interior / 5% to 8% non-condensing
<b>Digital Outputs:</b>	8 Relays (3A at 30v DC, NO and NC clean contacts)
<b>Digital Inputs:</b>	8 Supervised (Open Contact, Closed Contact, Cut Wire and Shorted Wire)
<b>Serial Interface:</b>	1 RS485 serial data line
<b>1 Wire Interface</b>	Support for temperature sensors and switches, digital potentiometers, A to D converters, etc
<b>Data Retention without Power:</b>	10 years
<b>Network Connection:</b>	Controller Area Network, ISO 11898 standard for serial data communications
<b>Cable Type</b>	CAT5e/6
<b>Transmission Network: Data Rate</b>	CSMA - CD (Carrier Sense Multiple Access with Collision Detection) Autosensing: -50, 125 or 250kbps
<b>Operating Temperature Range:</b>	-13 to 140 F (-25 to 60 C)
<b>Programmable Scripting Engine</b>	Time of day and day of week aware, sixteen 16 bit counter, sixteen 16 bit 10ms timers, 256 digital inputs/outputs

### SLIO 8x8 Solution - 2 Door Interlock



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