

## Product No:162218

### STAHL 9440/22-01-11-C1243 REMOTE I/O IS1 CPU AND POWER MODULE FOR ZONE 1 162218

#### FEATURES

- Remote I/O CPU and power module designed for hazardous Zone 1 areas
- Supports up to 8 I/O modules
- Communication via Modbus RTU protocol with RS485 interface
- Nominal auxiliary supply voltage range of 90 to 253 V AC, suitable for both 120 V and 230 V AC systems
- Power consumption rated at 8.4 W with undervoltage monitoring feature
- Operating temperature range from -20 °C to +65 °C
- IP20 rated connections and IP30 protection for modules
- Compatible with Ex i V0/V1 HART and PROFIBUS DP protocols
- Enables system redundancy and supports optical ring configurations



#### General Information

Brand	STAHL
Product Type	I/O Module
Series	9440/22
Software Level	IS1 device DTM, IS Wizard

#### Technical Attributes

Application	Application range (zones) - 1, 2
Communication	RS485 connection - Sub-D socket, 9-pole
Display Screen Type	LCD Display, 2 x 16 Characters
No. of Serial Ports	1
Nominal Power (W)	5
Nominal Voltage DC (V)	Auxiliary - 24
Power Loss (W)	1.4 / Module
Protocol Type	Profibus DP V0, Profibus DP V1, Profibus DP V1 HART
Rated Maximum Operational Voltage DC (V)	35

Rated Minimum Operational Voltage DC (V)	20
Rated Supply Voltage (V)	Output Voltage, maximum - 26.2
Redundancy	Full redundancy
Tightening Torque (Nm)	1
Transmission Rate	9.6 to 93.75 kbps - 1200m, 187.5 kbps - 1000m, 500 kbps - 400m, 1.5 Mbps - 200m (Copper RS485)

### Physical Attributes

Ambient Temperature Range (°C)	-20 to +65
Enclosure Material	Polyamide
LED Colour	"RUN" LED - Green, "ERR" LED - Red
Maximum Temperature (°C)	65
Minimum Temperature (°C)	-20
Mounting Type	DIN Rail

### Dimensions

Dimensions (mm)	96.5W x 170D x 253H
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### Protection & Standards

Certifications	IECEX, ATEX
Degree of Protection	IP20
Standards and Approvals	ATEX/IECeX

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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