

Product No: 210447

STAHL 9470/32-16-11 REMOTE I/O IS1+ DIGITAL INPUT-OUTPUT MODULE FOR ZONE 1 EX I 210447

FEATURES

- LED portable lamp designed for hazardous areas
- Equipped with a maintenance-free lead-fleece battery, 6 V, 4.5 Ah
- Features two lamps with a color temperature of 6500 K
- Lamp head includes tilting function: 100 degrees front and 90 degrees rear
- Operating temperature range from -20 °C to +50 °C
- Rated IP66 for dust and water resistance
- Suitable for surface mounting
- Compliant with ATEX/IECEx standards for safe use in explosive atmospheres
- Additional certifications include ATEX (IBE), Brazil (ULB), EAC (ENDCE), and IECEx (IBE)



General Information

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|--------------|------------|
| Brand | STAHL |
| Product Type | I/O Module |
| Series | 9470/32 |

Technical Attributes

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|---------------------------------------|---|
| Application | Application range (zones) - 1, 2 |
| Counter Range | 8 Counter inputs with 0 - 65535 as UINT16 |
| I/O Option | 16 Ex i inputs/outputs |
| Maximum Current (A) | 0.0104 |
| Maximum Nominal Output Voltage AC (V) | 6 |
| Maximum Power (mW) | 25.5 |
| Maximum Voltage (V) | 9.8 |
| No. of Digital Inputs | 16 |
| No. of Digital Outputs | 16 |
| No. of Inputs | 16 |
| No. of Outputs | 16 |

| | |
|----------------------------|---------------|
| No. of Pins | 16 |
| Nominal Output Current (A) | 0.002 |
| Nominal Power (W) | 2.5 |
| Power Consumption (W) | Maximum - 2.5 |

Physical Attributes

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|--------------------------------|------------|
| Ambient Temperature Range (°C) | -40 to +75 |
| DIN Rail Width (mm) | 35 |
| Maximum Temperature (°C) | 75 |
| Minimum Temperature (°C) | -40 |
| Mounting Type | DIN Rail |

Dimensions

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| Cable Cross Section (mm ²) | 2.5 |
| Dimensions (mm) | 96.5W x 67D x 128H |

Protection & Standards

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

Resources

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| Product catalogue (Flipbook) | Download from here |
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