## Features

- Interface for Power Bus
- Supply current 3 A
- LED status indication
- Connection via screw terminals

## Function

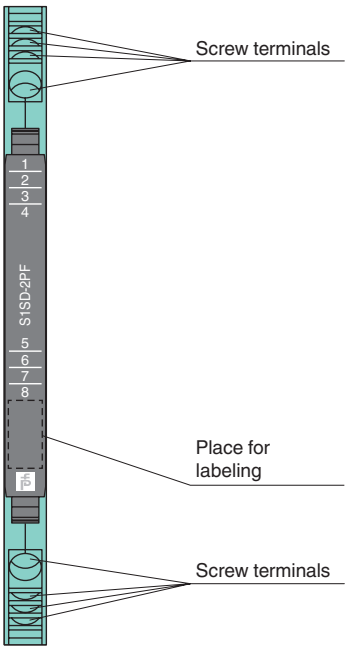
The power feed module interfaces 24 V DC power to the Power Bus at a maximum current of 3 A.

Depending on the power consumption up to 75 devices can be supplied via the power feed module.

The device displays the status of the power by a green LED. The device displays a reverse polarity by a red LED.

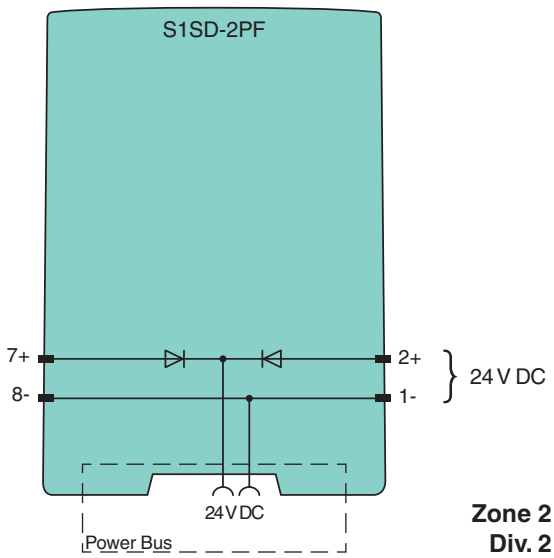
## Assembly

**Front view**




CE

## Connection




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| | | |
|---|---|---|
| **Supply** | | |
| Connection | | Power Bus or terminals 1-, 2+; 7+, 8- |
| Rated voltage | $U_r$ | 16.8 ... 31.2 V DC |
| Fusing | | 4 AT with back-up fuse |
| Power dissipation | | 0.8 W |
| **Output** | | |
| Supply | | Output current: ≤ 3 A , via Power Bus |
| **Directive conformity** | | |
| Electromagnetic compatibility | | |
| Directive 2014/30/EU | | EN 61326-1:2013 (industrial locations) |
| **Conformity** | | |
| Degree of protection | | IEC 60529:2001 |
| **Ambient conditions** | | |
| Ambient temperature | | -25 ... 70 °C (-13 ... 158 °F) |
| Storage temperature | | -40 ... 85 °C (-40 ... 185 °F) |
| Damaging gas | | designed for operation in environmental conditions acc. to ISA-S71.04-1985, severity level G3 |
| **Mechanical specifications** | | |
| Connection type | | screw terminals |
| Core cross-section | | 0.5 ... 2.5 mm$^2$ , 20 ... 14 AWG |
| Degree of protection | | IP20 |
| Mass | | approx. 70 g |
| Dimensions | | 6.2 x 97 x 107 mm (0.24 x 3.82 x 4.21 inch) , housing type S1 |
| Mounting | | on 35 mm DIN mounting rail acc. to EN 60715:2001 |
| **Data for application in connection with hazardous areas** | | |
| EU-Type Examination Certificate | | DEMKO 16 ATEX 1750X |
| Marking | | Ⓔx II 3G Ex nA IIC T4 Gc |
| Directive conformity | | |
| Directive 2014/34/EU | | EN 60079-0:2012+A11:2013 , EN 60079-15:2010 |
| **International approvals** | | |
| UL approval | | E106378 |
| IECEx approval | | IECEx UL 16.0116X |
| Approved for | | Ex nA IIC T4 Gc |
| **General information** | | |
| Supplementary information | | Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com. |
| **Accessories** | | |
| Optional accessories | | Power Bus POWERBUS-SETL5.***<br>Power Bus POWERBUS-SETH5.***<br>cover for DIN mounting rail POWERBUS-COV.250<br>end cap POWERBUS-CAP |

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