



Power Feed Module S1SD-2PF

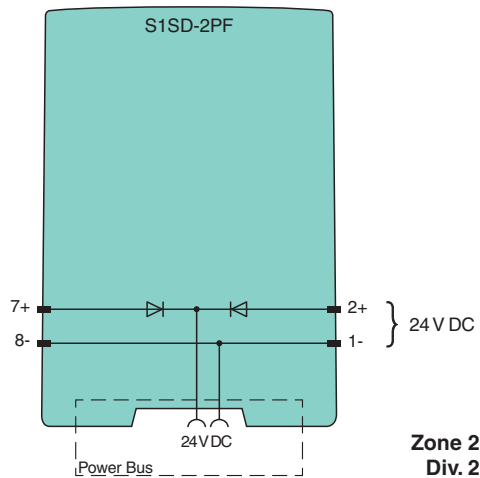
- Interface for Power Bus
- Supply current 3 A
- LED status indication
- Connection via screw terminals



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.

Connection



Technical Data

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

Connection	Power Bus
Output rated operating current	max. 3 A
Output voltage	24 V DC

Indicators/settings

Labeling	space for labeling at the front
----------	---------------------------------

Directive conformity

Release date: 2022-01-10 Date of issue: 2022-01-10 Filename: 277603_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0002
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

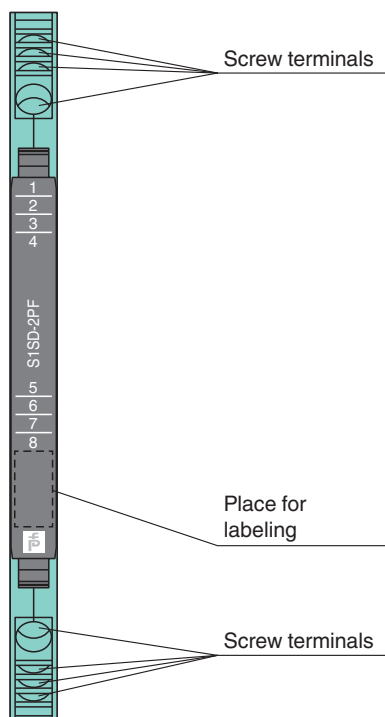
PEPPERL+FUCHS

Technical Data

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		
Degree of protection		IP20
Connection		screw terminals
Core cross section		0.5 ... 2.5 mm ² (20 ... 14 AWG)
Mass		approx. 70 g
Dimensions		6.2 x 97 x 107 mm (0.24 x 3.82 x 4.21 inch) (W x H x D) , housing type S1
Mounting		on 35 mm DIN mounting rail acc. to EN 60715:2001
Data for application in connection with hazardous areas		
Certificate		DEMKO 16 ATEX 1750X
Marking		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
IECEEx approval		
IECEEx certificate		IECEEx UL 16.0116X
IECEEx marking		Ex nA IIC T4 Gc
General information		
Supplementary information		Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .

Assembly

Front view



Matching System Components

	POWERBUS-SETL5.250	Power bus for 35 mm DIN mounting rail, height: 7.5 mm, length: 250 mm
	POWERBUS-SETH5.250	Power bus for 35 mm DIN mounting rail, height: 15 mm, length: 250 mm
	POWERBUS-COV.250	Cover for 35 mm DIN mounting rail, length: 250 mm
	POWERBUS-CAP	End Cap for Power Bus
	S1SL-1AI-1C	Passive Isolator
	S1SL-2AI-2C	Passive Isolator