

**Features**

- Base for protection module or function module
- Easy replacement of modules without tools
- Connection via spring terminals
- DIN rail mountable
- Up to SIL 3 acc. to IEC 61508

**Function**

The base module is the base for the modules of the surge protection system:

- Protection modules
- Function modules
- Place-holder modules

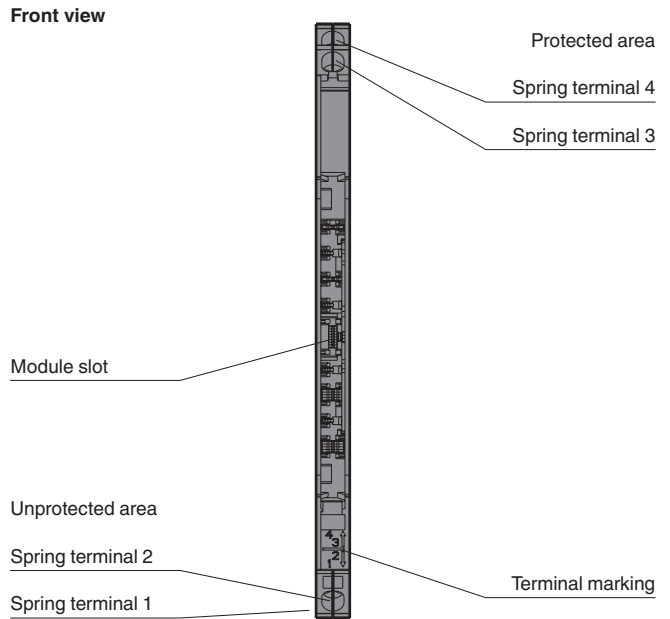
These modules are connected to the base module.

The protected and unprotected signal lines are connected to the device. The plugged modules will be grounded via the integrated earth connection.

The terminals of the base module are suitable for the connection of conductors and plug-in jumpers.

The device is mounted on a 35 mm DIN mounting rail according to EN 60715.

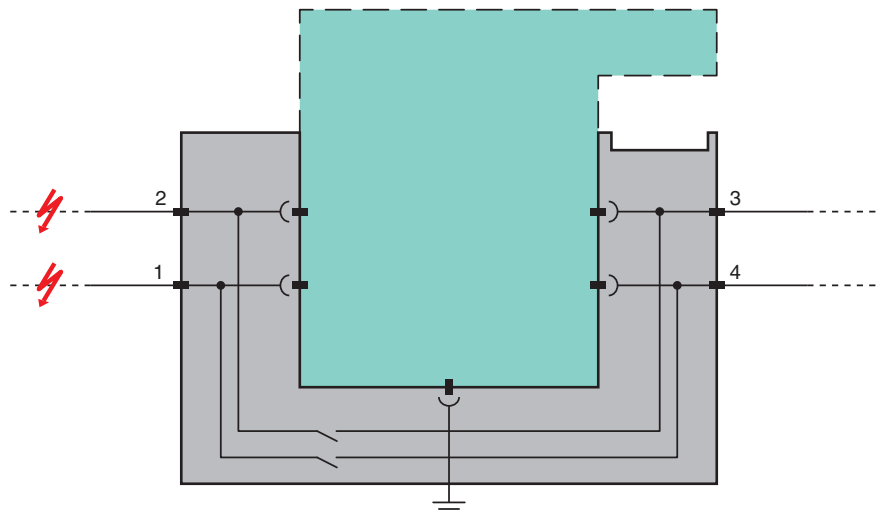
**Assembly**



CE

SIL 3

**Connection**



Zone 2

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

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<b>General specifications</b>		
Number of signal lines		2
<b>Functional safety related parameters</b>		
Safety Integrity Level (SIL)		SIL 3
<b>Supply</b>		
Rated voltage	$U_r$	60 V AC/DC
Rated current	$I_r$	2 A
<b>Input</b>		
Connection		terminals 1, 2
<b>Output</b>		
Connection		terminals 3, 4
<b>Conformity</b>		
Degree of protection		IEC 60529:2013
Functional safety		IEC/EN 61508:2010
Surge protective devices for low voltage		EN 61643-21:2001+A1:2009+A2:2013 IEC 61643-21:2001+A1:2008+A2:2012
<b>Ambient conditions</b>		
Ambient temperature		-40 ... 80 °C (-40 ... 176 °F) Observe the temperature range of the protection module or the function module, which is limited by derating.
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity		max. 95 % , without condensation
<b>Mechanical specifications</b>		
Degree of protection		IP20
Connection		spring terminals , max. core cross section 1 x 2.5 mm <sup>2</sup>
Mass		approx. 40 g
Dimensions		6.2 x 72 x 112 mm
Mounting		on 35 mm DIN mounting rail acc. to EN 60715:2001
<b>Data for application in connection with hazardous areas</b>		
Certificate		BVS 17 ATEX E 070 X
<b>International approvals</b>		
IECEX approval		
IECEX certificate		IECEX BVS 17.0061X
<b>General information</b>		
Supplementary information		Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .
<b>Accessories</b>		
Designation		system components: - protection module M-LB-5XXX - power feed module M-LB-5300 - fault status module M-LB-5400 - maintenance status module M-LB-5500 - Universal Power Rail M-UPR-03-S - place holder module M-LB-5900 - insulation spacer M-UPR-I

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