



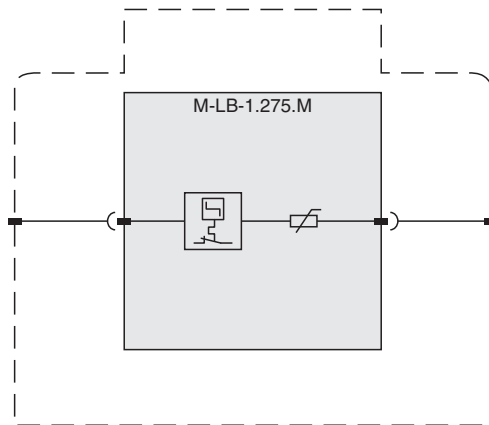
Protection Module for Surge Protection Barrier

M-LB-1.275.M

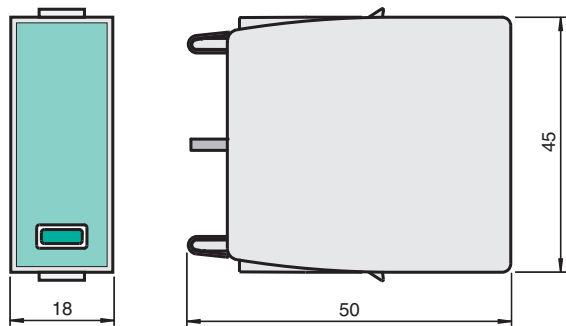
- Protection module for 1 supply line
- Type 2 acc. to EN 61643-11
- Exchange device for surge protection barrier M-LB-*.275*.D
- Easy replacement of protection modules without tools
- High discharge capacity
- Module can be exchanged under voltage (hot swap)



Connection



Dimensions



Technical Data

General specifications

Device type	type 2 acc. to EN 61643-11 class II acc. to IEC 61643-1	
Number of protected supply lines		1

Electrical specifications

Maximum continuous operating voltage	U_c	275 V AC
Nominal discharge current (8/20 μ s)	I_n	20 kA
Max. surge current (8/20 μ s)	I_{max}	40 kA

Indicators/settings

Display elements	status display operating state (green) fault indication (red)	
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Directive conformity

Low voltage		
Directive 2014/35/EU	EN 61643-11:2012	

Conformity

Degree of protection	IEC 60529	
Shock resistance		EN 60068-2
Vibration resistance	EN 60068-2	

Ambient conditions

Ambient temperature	-40 ... 80 °C (-40 ... 176 °F)	
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Mechanical specifications

Degree of protection	IP20	
Material		
Housing	thermoplastic, color grey , UL 94 V-0	
Mass		approx. 50 g
Dimensions	18 x 45 x 50 mm (0.7 x 1.8 x 2 inch) (W x H x D) , 1 TE acc. to DIN 43880	
Mounting	in the surge protection barrier M-LB-*,****.*	

General information

Supplementary information	Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .	
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