



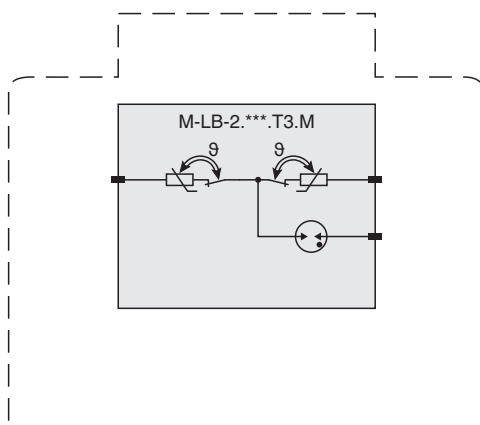
Protection Module for Surge Protection Barrier

M-LB-2.255.T3.M

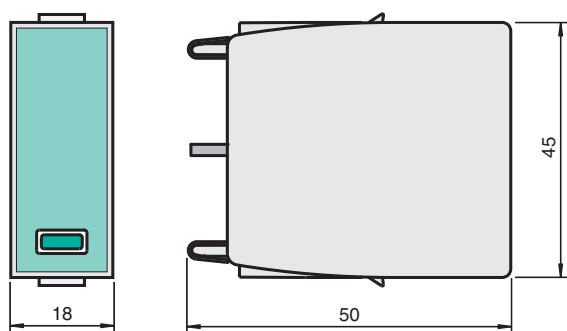
- Protection module for 1 supply line
- Type 3 acc. to EN 61643-11
- Removable module for surge protection barrier M-LB-2.255.T3.D
- Easy replacement of protection modules without tools
- High discharge capacity
- Module can be exchanged under voltage (hot swap)



Connection



Dimensions



Technical Data

General specifications

Device type	type 3 acc. to EN 61643-11:2013 class III acc. to IEC 61643-1:2011	
Number of protected supply lines		1

Electrical specifications

Maximum continuous operating voltage	U_c	255 V AC 255 V DC
Nominal load current	I_L	25 A
Nominal discharge current (8/20 μ s)	I_n	3 kA
Max. surge current (8/20 μ s)	I_{max}	5 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 60529:2013
Shock resistance		EN 60068-2:2010
Vibration resistance		EN 60068-2:2010

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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