



## B50M/M Vseries

- Removable modules for lightning impulse current and surge arresters type T1+T2.
- The products consist of gas discharge tube with high discharge ability.
- Installed at the boundaries of LPZ 0 – LPZ 2, in TN-S, TT power supply systems and in a special design also in IT power supply system.
- Balance the potential between the N and PE conductors in 1+1, 3+1 connection modes.
- Ensures zero leakage current through the PE conductor.

Type		B50M/M Vseries
Test class according to EN 61643-11:2012 (IEC 61643-11:2011)		T1, T2
Maximum continuous operating voltage AC	$U_C$	255 V
Impulse discharge current for class I test (10/350) N/PE	$I_{imp}$	50 kA
Nominal discharge current for class II test (8/20) N/PE	$I_n$	50 kA
Voltage protection level at $I_{imp}$	$U_p$	< 1.3 kV
Spare module for		16 059
<b>Designed according to standards</b>		
Requirements and test methods for SPDs connected to low-voltage power systems		IEC 61643-11:2011
Safety of Flammability of Plastic Materials		UL 94
<b>Application standards</b>		
Protection against lightning		IEC 62305:2010
Selection and erection of electrical equipment – Switchgear and controlgear		HD 60364-5-53:2022
Selection and application principles for SPDs connected to low-voltage power systems		CLC/TS 61643-12:2009
<b>Ordering, packaging and additional data</b>		
Mass	m	71 g
Mass (including the packaging)	m	82 g
Packaging dimensions (H x W x D)		26 x 98 x 73 mm
Packaging value	V	0.19 dm <sup>3</sup>
Customs tariff no.		85363010
EAN code		8590681160602
<b>Art. number</b>		<b>16 060</b>



The link in the QR code leads to the online presentation of the **B50M/M Vseries**. There, in addition to the always up-to-date data sheet, you will also find all diagrams and drawings, declarations of conformity, or 2D or 3D models and other necessary materials. For more information, visit [www.hakel.com](http://www.hakel.com)



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Internal diagram

