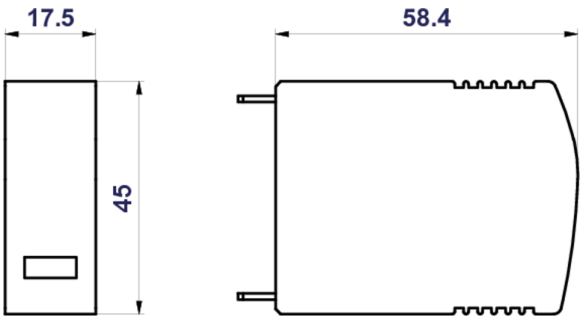
hakel®
Hz in Hearts



PIIIM PV 800/M Vseries

- Removable modules for surge arresters type T2 intended for photovoltaic systems (PV).
- Contain a varistor with high discharge ability.
- Modules are equipped with internal disconnectors, which are activated when the varistors fail (overheat) and they are able to interrupt the DC current.
- Special construction of the internal disconnector allows installation without a back-up fuse.
- Ensure the equipotential bonding of positive and negative busbars of PV systems and the elimination of transient overvoltage that originates during the atmospheric discharges or switching processes.

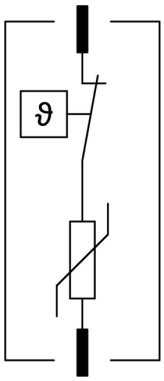
Type		PIIIM PV 800/M Vseries
Test class according to EN 61643-11:2012 and EN 61643-31:2019		T2
Maximum continuous operating voltage	U_{CPV}	870 V DC
Short-circuit current rating	I_{SCPV}	10 kA
Maximum discharge current (8/20)	I_{max}	40 kA
Nominal discharge current for class II test (8/20)	I_n	15 kA
Voltage protection level at I_n	U_p	< 3.3 kV
Spare module for		27 056, 27 059
Designed according to standards		
Requirements and test methods for SPDs for photovoltaic installations		IEC 61643-31:2018
Safety of Flammability of Plastic Materials		UL 94
Application standards		
Protection against lightning		IEC 62305:2010
Selection and application principles for SPDs connected to photovoltaic installations		CLC/TS 50539-12:2010
Low-voltage electrical installations – Photovoltaic (PV) systems		HD 60364-7-712:2016
Ordering, packaging and additional data		
Mass	m	45 g
Mass (including the packaging)	m	56 g
Packaging dimensions (H x W x D)		26 x 98 x 73 mm
Packaging value	V	0.19 dm^3
Customs tariff no.		85363010
EAN code		8590681168462
Art. number		**27 068**

The link in the QR code leads to the online presentation of the **PIIIM PV 800/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**

8590681168462

HAKEL spol. s r.o. | Bratri Stefanu 980, 500 03 Hradec Kralove, Czech Republic
Phone: +420 494 942 314 | e-mail: info@hakel.com | www.hakel.com

Internal diagram



HAKEL spol. s r.o. | Bratri Stefanu 980, 500 03 Hradec Kralove, Czech Republic
Phone: +420 494 942 314 | e-mail: info@hakel.com | www.hakel.com