



## HSA PV 800 Module

- Removable modules for surge arresters type T2 intended for photovoltaic systems (PV).
- They are installed on the DC side in PV applications without an external LPS or with an external LPS, where the sufficient distance "s" is observed.
- Suitable for all LPL levels.
- 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  |           | HSA PV 800 Module    |
|---|-----------|----------------------|
| Test class according to EN 61643-11:2012 and EN 61643-31:2019                         |           | T2                   |
| Maximum continuous operating voltage (+/-)  | $U_{CPV}$ | 800 V DC             |
| Maximum continuous operating voltage ( $\pm/PE$ )                                     | $U_{CPV}$ | 800 V DC             |
| Nominal discharge current for class II test (8/20)                                    | $I_n$     | 20 kA                |
| Voltage protection level at $I_n$ (+/-)   | $U_p$     | < 3.3 kV             |
| Voltage protection level at $I_n$ ( $\pm/PE$ )  | $U_p$     | < 2.1 kV             |
| Spare module for  |           | 27 254, 27 255       |
| <b>Designed according to standards</b>  |           |                      |
| Requirements and test methods for SPDs for photovoltaic installations                 |           | IEC 61643-31:2018    |
| Safety of Flammability of Plastic Materials   |           | UL 94                |
| <b>Application standards</b>  |           |                      |
| Protection against lightning  |           | IEC 62305:2010       |
| Selection and application principles for SPDs connected to photovoltaic installations |           | IEC 61643-32:2017    |
| Selection and application principles for SPDs connected to photovoltaic installations |           | CLC/TS 51643-32:2020 |
| Low-voltage electrical installations – Photovoltaic (PV) systems                      |           | HD 60364-7-712:2016  |
| <b>Ordering, packaging and additional data</b>  |           |                      |
| Mass  | m         | 60 g                 |
| Mass (including the packaging)  | m         | 71 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  |           | 8590681187364        |
| <b>Art. number</b>  |           | <b>27 258</b>        |



The link in the QR code leads to the online presentation of the **HSA PV 800 Module**. 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.hakil.com](http://www.hakil.com)



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Internal diagram

