



## HLSA12,5-275 Module

- Removable modules for lightning impulse current and surge arresters type T1+T2+T3.
- Ensure the equipotential bonding, eliminate the effects of lightning current and reduce switching, induced and residual overvoltage in single-phase and three-phase power supply systems entering the building.
- Installed at the boundaries of LPZ 0 – LPZ 1 and higher zones, closest to where overhead line enters the building i.e. in the main distribution boards.
- The products consist of varistors with big discharge ability.

Type		HLSA12,5-275 Module
Test class according to EN 61643-11:2012 (IEC 61643-11:2011)		T1, T2, T3
Maximum continuous operating voltage AC	$U_C$	275 V
Impulse discharge current for class I test (10/350)	$I_{imp}$	12.5 kA
Nominal discharge current for class II test (8/20)	$I_n$	25 kA
Open circuit voltage of the combination wave generator	$U_{OC}$	6 kV
Voltage protection level at $I_n$	$U_p$	< 1.25 kV
Spare module for		16 080, 16 090, 16 081, 16 091, 16 082, 16 092, 16 083, 16 093, 16 084, 16 094, 16 085, 16 095
<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	80 g
Mass (including the packaging)	m	91 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		8590681114414
<b>Art. number</b>		<b>16 086</b>



The link in the QR code leads to the online presentation of the **HLSA12,5-275 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

