



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
Designed according to standards		
Requirements and test methods for SPDs connected to low-voltage power systems		IEC 61643-11:2011
Safety of Flammability of Plastic Materials		UL 94
Application standards		
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
Ordering, packaging and additional data		
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 ³
Customs tariff no.		85363010
EAN code		8590681114414
Art. number		16 086



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.hakel.com



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Internal diagram

