



HLSA6,5 PV 600/2 Module

- Removable modules for lightning impulse current and surge arresters type T1+T2 intended for photovoltaic systems (PV).
- They are installed on the DC side in PV applications with external LPS, where a sufficient distance "s" is not observed.
- Suitable for level LPL III or IV.
- Ensure the equipotential bonding of plus and minus busbars of PV systems and the elimination of transient overvoltage resulting from the atmospheric discharges (including direct lightning strike to the PV system) or switching processes.

Type	HLSA6,5 PV 600/2 Module	
Test class according to EN 61643-11:2012 and EN 61643-31:2019	T1, T2	
Maximum continuous operating voltage (+/-)	U_{CPV}	600 V DC
Maximum continuous operating voltage (\pm /PE)	U_{CPV}	300 V DC
Impulse discharge current for class I test (10/350)	I_{imp}	6.5 kA
Nominal discharge current for class II test (8/20)	I_n	20 kA
Voltage protection level at I_n (+/-)	U_p	< 2.5 kV
Voltage protection level at I_n (\pm /PE)	U_p	< 1.25 kV
Spare module for	16 364, 16 365	
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	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	
Ordering, packaging and additional data		
Mass	m	63 g
Mass (including the packaging)	m	74 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	8590681173183	
Art. number	16 375	



The link in the QR code leads to the online presentation of the **HLSA6,5 PV 600/2 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

