



HSAD Module

- Removable modules for surge arresters type T3 for serial or parallel connection.
- Ensure the equipotential bonding and protection of one-phase electronic appliances against the effects of switching, induced and residual overvoltage generated in LV power supply systems.
- Installed at the boundaries of LPZ 2 – LPZ 3, as close to the device to be protected as possible (no further than 5 m).

Type		HSAD Module
Test class according to EN 61643-11:2012 (IEC 61643-11:2011)		T3
Maximum continuous operating voltage AC	U_c	275 V
Open circuit voltage of the combination wave generator	U_{oc}	6 kV
Voltage protection level at U_{oc} (L/N)	U_p	< 1 kV
Voltage protection level at U_{oc} (L/PE, N/PE)	U_p	< 1.5 kV
Spare module for		30 370, 30 380
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	20 g
Mass (including the packaging)	m	31 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		8590681173633
Art. number		30 390



The link in the QR code leads to the online presentation of the HSAD 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



Internal diagram

