



HSA-320 Module

- Removable modules for surge arresters type T2+T3.
- Ensure the equipotential bonding and reduce switching, induced and residual overvoltage in single-phase and three-phase LV power supply systems.
- Installed at the boundaries of LPZ 1 – LPZ 3 into subsidiary switchboards and control panels.
- The products consist of varistors with big discharge ability.

Type		HSA-320 Module
Test class according to EN 61643-11:2012 (IEC 61643-11:2011)		T2, T3
Maximum continuous operating voltage AC	U_C	320 V
Maximum discharge current (8/20)	I_{max}	50 kA
Nominal discharge current for class II test (8/20)	I_n	20 kA
Open circuit voltage of the combination wave generator	U_{OC}	6 kV
Voltage protection level at I_n	U_p	< 1.4 kV
Spare module for		27 184, 27 185, 27 520, 27 525, 27 521, 27 526, 27 522, 27 527, 27 523, 27 528, 27 524, 27 529

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	45 g
Mass (including the packaging)	m	56 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		8590681116210
Art. number		27 192



The link in the QR code leads to the online presentation of the HSA-320 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

