

HISkon[®]

PV cabling components
part of HIS CONNECT™

HISkon[®] INLINEFUSE

15 - 30A 1000V DC

5 - 32A 1500V DC

35 - 80A 1500V DC

DATA SHEET



HISkon®

INLINEFUSE



PV cabling and switching professionals frequently work under time pressure and as a result want cables and components which they can install on site quickly and without too high cost. For such requirements, there is our assembly service: here, you get just the right cable at the right length with the right properties and connections. Obviously at the right time and the right place.

OFF THE SHELF PRODUCTS. TAILOR MADE FOR YOU.

By using innovative technology and the most modern machines and plant, we provide maximum efficiency in cable fabrication and testing, completely secure processes and a high plant availability. For almost 20 years, we have interacted intensively with customers, suppliers and partners on the subject of photovoltaics. This experience flows into every single assembly.



HUGE WEALTH OF EXPERIENCE

Benefit from our many years of experience in numerous projects in the world.



INTERNATIONAL SUPPORT

With a multilingual engineering and sales team. HIS is managing several country-specific standards.



COST OPTIMIZED CONCEPTS

Smart design to save costs (CapEx) helps to avoid extensive work during installation and operations (OpEx).



EASY TO INSTALL

Well thought out. Ready to use. Including necessary accessories to make installation safe, simple and quick.



QUALITY & TESTING

Engineering, manufacturing and testing under one roof. Additional testing for special requirements.



REDUCE COST. RAISE PROFIT

Tailored concepts by comprehensive expert knowledge. Cost effective and sustainable solution for PV projects.

APPLICATION

This Inlinefuse is intended for use in PV installations e.g. acc. IEC 60364-7-712. Please refer to our HISkon® laying instructions

YOUR ADVANTAGES

Minimize the amount of installation work with customized ready-to-plug cables for your system. For the best possible efficiency and operating safety of solar equipment, we offer installation of HISkon® Inlinefuses. This gives you a broad spectrum to choose. Single or implemented in a cable chain; Variety of termination available for flexible design.

HISkon® INLINEFUSE

TECHNICAL DATA

Construction	
Cable	HIKRA TECH 1500 V, H1Z2Z2-K acc. EN50618:2014 ; certificate Nr. R 60154895 Minimum length between splitters and connector: 200 mm
Molding insulation	Cable and molding made of one material, specialized compound; UV-stabile ULT 120 °C, 20.000 h, acc. to certificate Nr. R 60154895
Connector	Inter alia without or with MC4, MC-EVO2, TE PV4-S, T4, TS4, Amphenol UTX, Phoenix Contact Sunclix,

Technical characteristics	INLINE	INLINE1500	INLINE1500XL
Nominal voltage	1,0 kV DC	1,5 kV DC	1,5 kV DC
Fusesize	10x38 mm	10x85 mm	22x58 mm
Fuse Standard	IEC 60269-6	IEC 60269-6	IEC 60269-6
Rated Current	15 A, 20 A, 25 A, 30 A	5 A, 15 A, 20 A, 25 A, 30 A, 32 A	35 A, 40 A, 50 A, 60 A, 80 A
Fuse characteristic /	gPV	gPV	gPV
Rated breaking capacity	50 kA	50 kA	30 kA
PV-Cable cross-section xmm ²	4 mm ² , 6 mm ²	4 mm ² , 6 mm ² , 10 mm ²	10 mm ² (35-50A), 16 mm ² (all)
IP-class of cable splitter	IP65/68 (1m/24h) (Take note of connector´s IP-protection!)		
Protection class	II (reinforced Insulation) acc. IEC 61140		
Flame class	Self-extinguishing UL94-V0		
Temperature range	Ambient temperature: -40° C to +50°C (please consider dimensioning specifications)		

Take account of possible restrictions by used PV connector and reduction factor in case of cable accumulation (IEC 60364-5-52, Table A.52-17). Please refer to our HISkon® laying instructions.



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