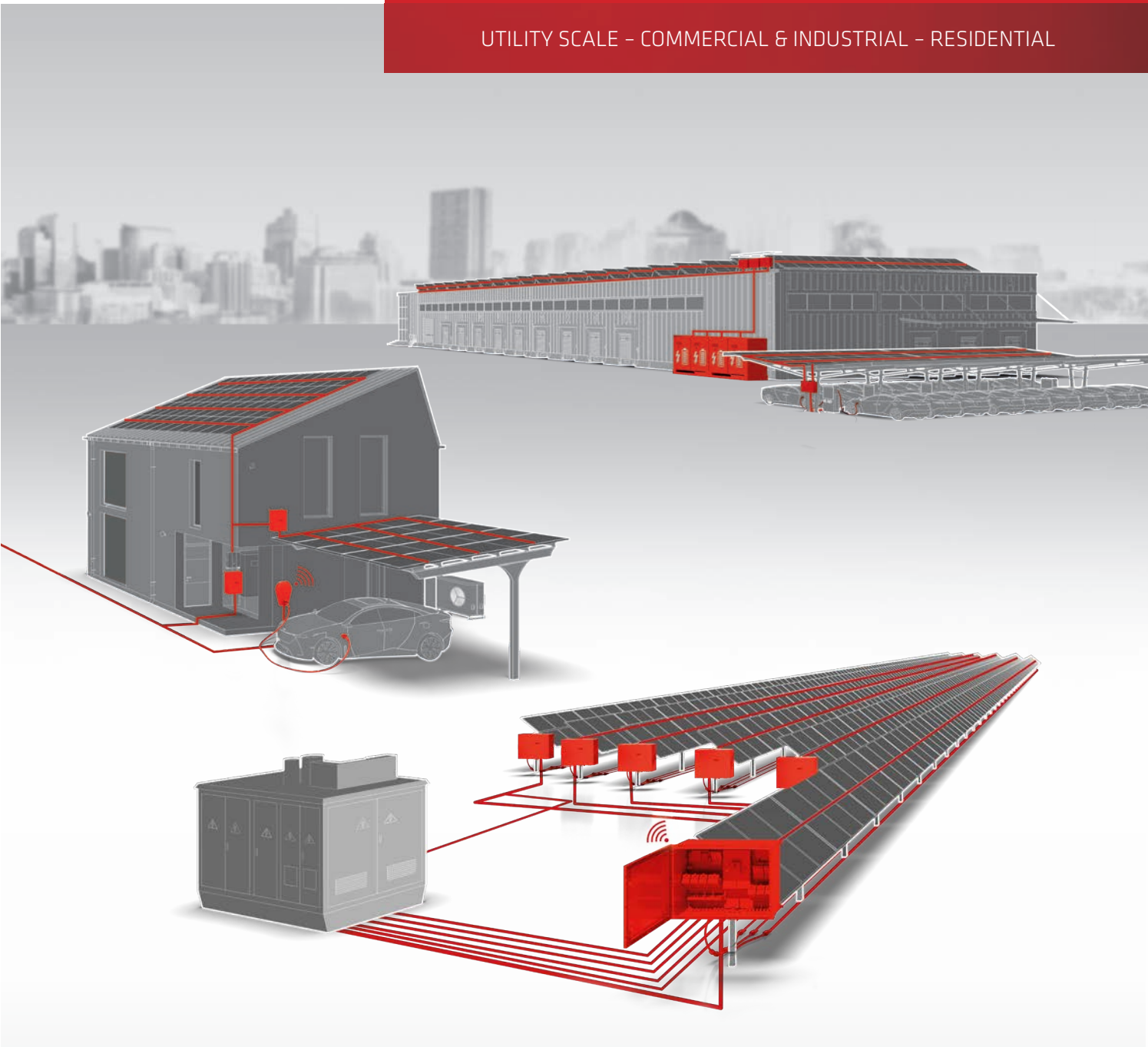


THE POWER BEHIND RE:ENERGY

2024/2025

UTILITY SCALE - COMMERCIAL & INDUSTRIAL - RESIDENTIAL

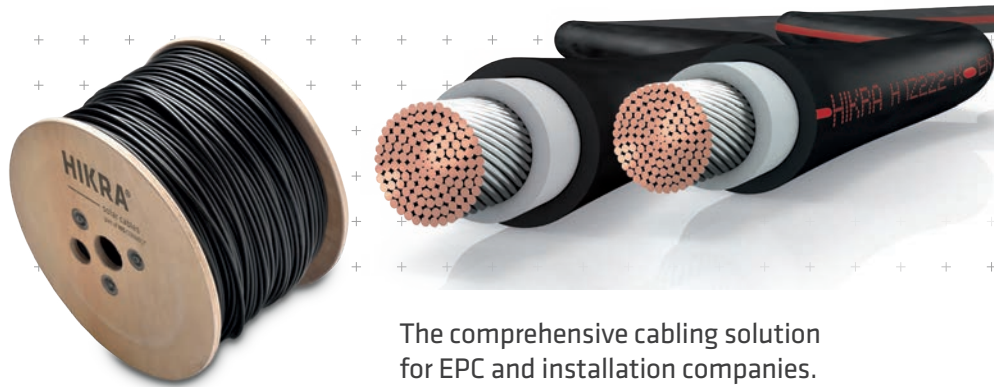


HIKRA®

solar cables
part of HIS CONNECT

HIGH PERFORMANCE SOLAR CABLE FOR WIRING OF PV-SYSTEMS

HIKRA® stands for technically outstanding and integrated solutions, which have been developed taking into account all environmental, safety and costs aspect and even under the harshest conditions delivering a faultless performance.



The comprehensive cabling solution for EPC and installation companies.



Suitable for laying in the ground
Optimized special compounds



Optimal compatibility
Part of the HISCONNECT® wiring system



Nominal Voltage
Max. 2 kV DC



High conductivity
Fine stranded wire of electrolyte copper



Additional benefits
CPR approved



Extensive certification
EN50618, IEC62930, UL4703
TÜV 2Pfg 2750



Ready for Floating PV
TÜV 2Pfg2750 certified



High short-circuit
250 °C/5s

HIKRA® SOL



Type Approved Safety
Regular Production Surveillance
www.tuv.com
ID 1111250075



Order No.		Cross-section mm ²	Construction n x max-Ø (mm)	Resistance of conductor (Ω/km)	External diameter approx (+/- 0,2 mm)	Copper index kg/km	Weight kg/km
black	red stripes						
73 90 65	73 90 66	1 x 1.5	29 x 0.25	13.7	4.6	14.0	32.0
73 86 09	73 86 10	1 x 2.5	47 x 0.25	8.21	5.0	24.0	41.0
73 86 13	73 86 14	1 x 4.0	52 x 0.3	5.09	5.4	38.4	54.0
73 86 15	73 86 16	1 x 6.0	78 x 0.3	3.39	6.0	57.6	73.0
73 86 17	73 86 18	1 x 10.0	77 x 0.4	1.95	7.2	96.0	120.0
73 86 19	-	1 x 16.0	126 x 0.4	1.24	8.7	153.6	189.0
73 90 61	-	1 x 25.0	190 x 0.4	0.795	10.4	240.0	277.0



Type Approved Safety
Regular Production Surveillance
www.tuv.com
ID 1111236431



HIKRA® TECH 1500 V

Order No.		Cross-section mm ²	Construction n x max-Ø (mm)	Resistance of conductor (Ω/km)	External diameter approx (+/- 0,2 mm)	Copper index kg/km	Weight kg/km
black	red stripes						
74 64 10	74 64 11	1 x 4.0	50 x 0.31	5.09	5.6	38.4	61.0
74 64 12	74 64 13	1 x 6.0	75 x 0.31	3.39	6.0	57.6	82.0
74 64 14	74 64 15	1 x 10.0	77 x 0.41	1.95	7.1	96.0	124.0
74 64 16	-	1 x 16.0	120 x 0.41	1.24	9.4	153.6	200.0

HIKRA® SOL B2

B2ca s1 d0 a1 certified according to BauPVO



Type Approved Safety
Regular Production Surveillance
www.tuv.com
ID 1419041513



Order No.		Cross-section mm ²	Construction n x max-Ø (mm)	Resistance of conductor (Ω/km)	External diameter approx (+/- 0,2 mm)	Copper index kg/km	Weight kg/km
black	red stripes						
75 02 49	75 02 50	1 x 4.0	52 x 0.3	5.09	5.4	38.4	61.0
75 02 51	75 02 52	1 x 6.0	78 x 0.3	3.39	6.0	57.6	81.0
75 02 53	75 02 54	1 x 10.0	77 x 0.4	1.95	7.2	96.0	130.0
75 02 55	-	1 x 16.0	126 x 0.4	1.24	8.7	153.6	199.0

ALL IN ONE SUPPORT

MAXIMUM SAFETY AND RELIABILITY FOR COMMERCIAL AND INDUSTRIAL

DATA INTEGRATION & SYNCHRONIZATION

PROTECT YOUR INVESTMENT

- Individually tailored to your requirements
- Effective running systems
- Higher bankability
- Inhouse engineering know-how

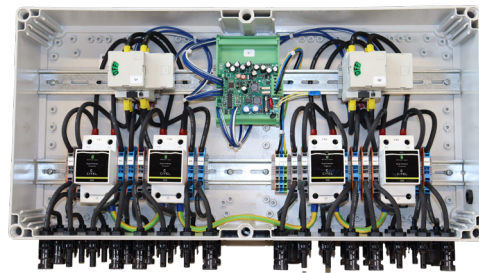
E-CAD ENGINEERING ERP MANUFACTURING LOGISTICS

HIGHER SAFETY

- Designed with high quality components
- Designed to individual requirements
- Tested for high plant availability



DC/AC STRINGBOXES



High quality, easy plug-and-play installation for high reliability and security of your project

PROJECT-SPECIFIC DESIGN

HISbox® stringboxes are always designed specifically for the project: for this purpose we clarify your need for protection, switching and measuring devices in coordination with the country-specific regulations.

PLUG-AND-PLAY

MC4 PV-Connectors enable easy plug in of the PV-String on the combiner box.

PROVEN QUALITY

Integration of the E-CAD into ERP; internal tests in climate chamber and outgoing inspection acc. to IEC 61439-1.

EASY INSTALLATION

HISbox® string boxes are ready for use, that means, pre-assembled connecting leads or PV-Connectors supplied to the housing and reduce so the installation time to a minimum.

CABLE GLAND AND BUSHING OPTIONS

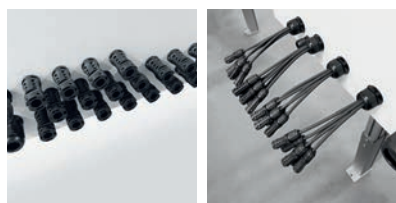
Straight cable glands, plug-and-play, flying leads or HISCONNECT PLUS®, chose the one you need.

MAXIMUM RELIABILITY

By using standardized, certified and by HIS Renewables proven components in our HISbox® solutions, we lay the foundation for a long and maintenance-free operation.

MODULAR CONFIGURATION

Use the HIS-Checklist to quickly configure our HISbox® to your needs with modular components.



Communication Box



Grid and plant protection

Box for battery-backup-systems

HISkon®

PV cabling components
part of HIS CONNECT

PERFECTLY MATCHED COMPONENTS FOR A TROUBLE FREE INSTALLATION

Installers and plant operators around the world rely on HISCONNECT® system components – and success proves them right.



Datasheet
HISkon® Splitter



Easy and safe Plug-and-play connection

EXTENSIONS AND HARNESSES

Cable adapters and extensions

- HISKON® cable adaptors for distinct connectors
- Double or single sided manufactured extensions including individual marking



Cable Harnesses

- Plug-and-Play solution for PV power plants for a quick and safe installation
- Always the appropriate connector for sustainable plant availability
- Monitored crimp quality and reduction of contact resistance

INLINEFUSES

- For the best possible cost-effectiveness and operational safety of solar plants the installation of an inline fuse is recommended
- In doing so, you can draw upon a wide range of solutions: 1000 V DC or 1500 V DC; singly or integrated in a cable harness



Datasheet
HISkon® Inlinefuse



Pre-assembled cabling for Floating-PV



HISkon+

plug and play cable installation
part of HIS CONNECT

PRE-ASSEMBLED CABLE HARNESSES FOR EPC AND PV PROFESSIONALS

Pre-assembled cable harnesses offer an efficient plug-and-play solution as an alternative to conventional installation. They save time on site, reduce sources of error and simplify installation thanks to clear labeling and prefabricated lengths – ideal for installers, EPCs and project planners.

- Reliable and simple
- Profitable and economical
- Plug-and-play
- Error reduction through professional crimping
- No waste
- Low personnel costs



Video
HISkon+®



Brochure
HISkon+®

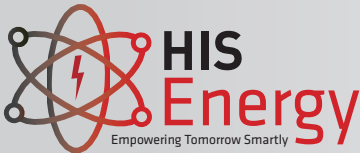
**REDUCE COSTS.
RAISE PROFIT.**

PV-CONNECTORS

- Globally leading distributor of PV connectors of all well-known manufacturers
- Reliable delivery thanks to extensive storage and a long-standing logistics network
- Quick and easy installation thanks to high quality crimp tools and installation accessories
- Customized packaging according to quantities in various finishes and packaging printing



Brand	Order No.	Model	Type	Cross-section Ø mm²	Outer sheath Ø mm	Tool
Stäubli	71 13 90	MC4 PV-KST4/6IUR	Plug	4.0 – 6.0	5.0 – 6.0	75 64 22
	71 13 93	MC4 PV-KST4/6IIUR	Socket			72 34 96
Stäubli	70 86 68	MC4 PV-KBT4/6IUR	Plug	4.0 – 6.0	5.9 – 8.8	75 64 22
	70 86 69	MC4 PV-KBT4/6IIUR	Socket			72 34 96
Stäubli	73 27 58	EVO2 PV-KST4-EVO 2/6IUR	Plug	4.0 – 6.0	4.7 – 6.4	75 64 22
	73 27 60	EVO2 PV-KBT4-EVO 2/6IUR	Socket			72 34 96
Trina Solar	74 31 47	TS4-M2	Plug	4.0 – 6.0	5.6 – 6.8	74 36 81
	74 31 48	TS2-F2	Socket			
Jinko	75 33 92	PV-JK03M2/2BC	Plug	4.0 – 6.0	5.0 – 6.8	75 33 15
	75 33 93	PV-JK03M2/2BC	Socket			75 33 14
Canadian Solar	74 99 33	T4-PC-1	Plug	4.0 – 6.0	4.3 – 6.6	75 00 32
	74 99 34	Tlian T4-PC-1	Socket			75 00 31
TE	73 86 24	2-2270024-1	Plug	4.0 – 6.0	5.0 – 7.8	72 76 17
	73 86 25	2-2270025-1	Socket			72 76 18



SOLUTIONS AND ACCESSORIES FOR ENERGY STORAGE SYSTEMS AND EV-CHARGING

HISbatt® 233L



EVtap® Fast DC-Charger



EVtap® Smart Wallbox



EUROPEAN LEADING SYSTEM PROVIDER FOR RE:INTEGRATION



#1
PV expert in Europe

More than **6,5 GW**
supply of components
per year

≥2000
customers in more
than 60 countries



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