



ISC Solar Solutions

Solutions for cable management, protection and fastening in photovoltaic installations



Small **parts**
for great products.

25 Years
Anniversary

ISC Solar Solutions

Solutions for cable management, protection and fastening in
photovoltaic installations



isc-sl.com

ISC Plastic Parts.

For more than 25 years, ISC Plastic Parts has supplied standard components for protection and fastening applications across industry. With more than 45,000 products, we serve a broad range of sectors, including solar energy, automotive, e-mobility, electronics, furniture, engineering, retail, product design and machinery.

Quality and continuous improvement are central to our work. Our products are manufactured to stringent quality standards, and our management system is certified to ISO 9001:2015 and ISO 14001:2015. Products are developed to meet the applicable international standards and regulatory requirements.

Our technical team helps customers select the right solution for each project. We provide specialist advice and develop custom solutions for specific requirements. Every product is backed by responsive technical and commercial support.

- ✓ More than 25 years of experience
- ✓ +45.000 standard products
- ✓ Technical Office and specialised support
- ✓ Free samples, drawings and CAD/3D files
- ✓ Manufacturing in Europe and the USA
- ✓ ISO 9001 · ISO 14001
- ✓ REACH, RoHS and WEEE compliance
- ✓ Quality, innovation and sustainability



Contents

Presentation	02
--------------	----

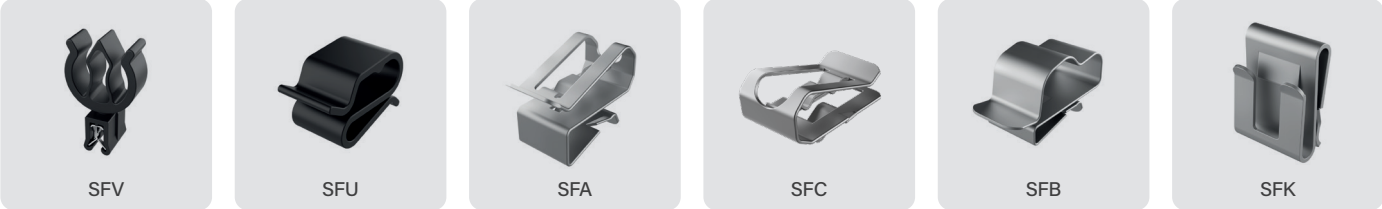
ISC Solar Solutions	06
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Bundling Solutions12

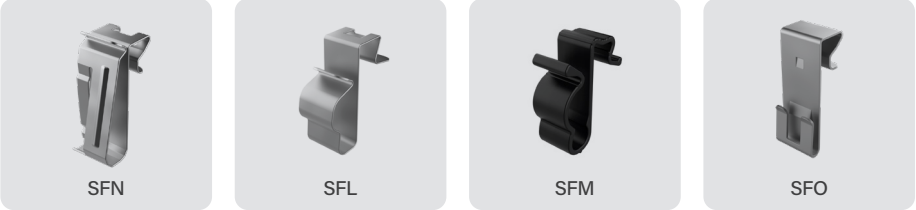


Cable Fastening16

Panel Edge Clips	17
------------------	----



Structural Profile Clips	20
--------------------------	----



Modular Clip Clamps	21
---------------------	----

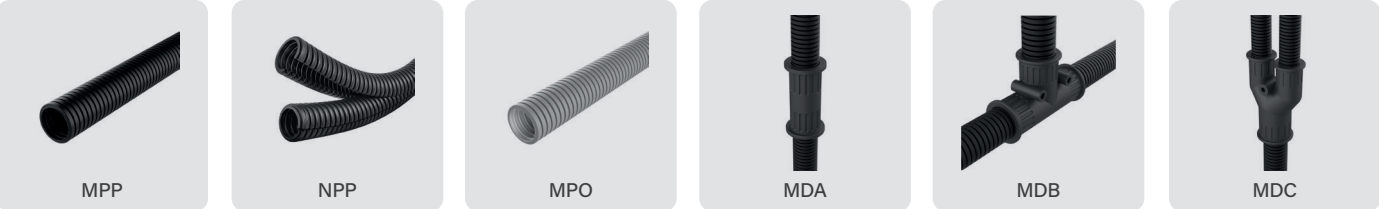


Mounting Clamps	22
-----------------	----



Cable Protection24

Corrugated Conduit & Connector Systems	25
--	----



Photovoltaic Connectors & Accessories	27
---------------------------------------	----



Cable Entry & Sealing29



Symbols & Abbreviations	30
-------------------------	----

ISC Solar Solutions.

Solutions for cable management, protection and fastening in photovoltaic installations

ISC Plastic Parts offers a wide range of technical components specifically designed for electrical and structural applications in photovoltaic installations. Our experience in industrial environments enables us to develop and supply solutions adapted to the demanding requirements of the solar sector, where reliability, durability and efficiency are key factors.

Our product range includes solutions specifically developed for photovoltaic applications, designed for easy installation to optimise on-site assembly times, and offering a long service life, with solutions designed to provide up to 20 years of warranty under suitable operating conditions. The use of materials resistant to UV radiation, temperature variations and environmental conditions helps reduce maintenance costs and ensures the mechanical and functional stability of the system over time.

Our catalogue covers everything from cable grommets, cable glands and cable management components to fastening, protection and separation solutions, all designed to improve the organisation, safety and performance of the installation. In certain applications, the correct selection and integration of components can also contribute to improving the electrical efficiency of the system by minimizing interference, mechanical stress and premature degradation.

The wide range of dimensions, materials and configurations available allows each solution to be adapted to the specific technical requirements of the solar sector, providing reliability and performance for every project.



20-year warranty



Reduced installation time



High reliability & long service life



Simple and intuitive installation



Lower maintenance costs



Secure and stable cable fastening for greater energy efficiency



ISC Solutions for every part of a photovoltaic installation

Cable Protection

Cable protection and insulation



Cable Fastening

Quick and secure fastening to panels and mounting structures



Cable Entry & Sealing

IP protection and sealing solutions for enclosures and inverters

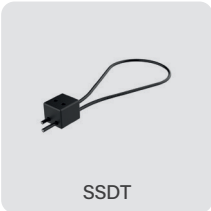
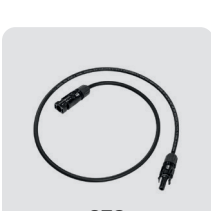
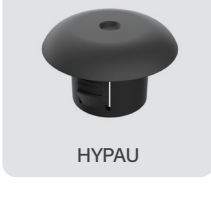
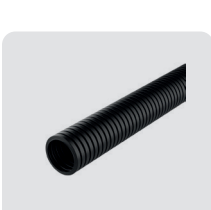


Bundling Solutions

Organised cabling for clean, safe and easy-to-maintain installations



ISC Solutions for every point of the photovoltaic installation

Bundling Solutions		Cable Fastening		Cable Protection		Cable Entry & Sealing	
PVC-coated stainless steel cable tie with crimp-locking system Designed for demanding mechanical and environmental conditions, the SBCT combines a crimp-locking system with a PVC coating that helps protect cable insulation. It provides durable, corrosion-resistant cable retention.	 SBCT	Insulating cable clip for solar module frames Designed for photovoltaic panel frames, the SFV clip allows up to two cables to be fastened quickly and securely. Its plastic body electrically isolates the cables from the aluminium frame, helping meet the requirements of UL 3741.	 SFV	Protective caps for photovoltaic connectors SZE caps protect unmated connectors against dirt, moisture and other environmental exposure during transport, installation and commissioning. Their reusable ¼-turn locking system enables fast fitting and removal.	 SZE	Quick-installation cable glands Thanks to its innovative push-fit mounting system, the PRPRA cable gland simplifies installation and reduces assembly time compared with conventional cable glands.	 PRPRA
Reusable nylon cable tie without crimping Our SSDT cable tie provides secure fastening without crimping. Designed for quick installation, its reusable system allows easy adjustment during assembly, maintenance and cable replacement.	 SSDT	Panel edge clip for oval holes Designed for photovoltaic modules, the SFU clip allows one or two cables to be fastened quickly and securely. Its locking system on the panel edge and through the panel hole ensures secure installation without the need for tools.	 SFU	Pre-assembled cables with photovoltaic connectors Our SZO pre-assembled cable is designed for quick, safe and reliable connections and extensions in photovoltaic installations.	 SZO	Multi-cable gland for sealed cable entry PRPRI cable glands route several cables through a single entry point, reducing the number of openings while maintaining the stated ingress-protection rating when correctly installed.	 PRPRI
Stainless steel cable tie for high-temperature applications and extreme environments The SSET cable tie provides reliable fastening for industrial and outdoor applications, combining high resistance to corrosion, high temperatures and harsh environments.	 SSET	Panel edge clip for two cables of the same size The SFA provides quick, secure retention for two cables of the same diameter. Its stainless steel construction provides mechanical strength and corrosion resistance.	 SFA	MC4, MC4-EVO 2 and Solar Connector photovoltaic connectors Designed for safe and reliable connections in photovoltaic installations, the SZI connectors offer high resistance to UV radiation and environmental factors, ensuring long-lasting performance in outdoor applications.	 SZI	Sealing grommet with integrated blanking function The HYPAU can be used either as a blanking plug or as a cable grommet, providing a practical solution for cable protection and sealed entry.	 HYPAU
PVC-coated stainless steel support with reusable fastening Designed for cable routing and organisation, the SUH support combines stainless steel construction with a PVC coating that protects cable insulation and provides high corrosion resistance.	 SUH	Structural profile clip for microinverter cables Designed for microinverter cabling, the SFN clips directly onto structural profiles for quick, secure installation. Its AISI 410 stainless steel construction provides a robust, durable solution	 SFN	UV-resistant polypropylene corrugated conduit MPP corrugated conduit protects cables against impact, abrasion and environmental exposure. Its flexibility and flame-retardant properties make it suitable for photovoltaic applications.	 MPP	Push-in sealing plugs MTO plugs seal unused openings and can be fitted by hand across a range of panel thicknesses. They provide a practical sealing solution for electrical enclosures and other industrial applications.	 MTO
Cable management matrix for up to 12 cables Designed for mounting on flat surfaces or profiles, the SUI secures and separates up to 12 cables. It provides a compact, durable solution for orderly cable routing in photovoltaic installations.	 SUI	Quarter-turn mounting clip for structural profiles Designed for secure cable fastening, the SGE clip features a ¼-turn (90°) mounting system for quick, reusable and tool-free installation on structural profiles.	 SGE	Coupling sleeves for corrugated conduit MDA sleeves join or extend corrugated conduit. Made from flexible, UV-resistant TPE, they provide secure retention and IP66 protection when installed as specified.	 MDA	Sealing cable grommets Our TRO cable grommets provide simple and effective sealing. Their removable membrane creates a circular opening and provides IP67 protection, while their design enables quick, tool-free installation, even on curved surfaces and in confined spaces.	 TRO

Bundling Solutions.

Organised cabling for neat, safe and easy-to-maintain installations

Effective **cable management** keeps conductors bundled, separated and routed correctly throughout the installation. This supports **safe installation, simplifies inspection** and maintenance, makes better use of space and gives the finished system a neat, professional appearance.

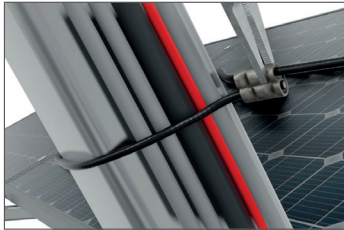
ISC bundling solutions accommodate a range of cable layouts and installation conditions. They help **keep cables securely organised** over the service life of the installation.



- ✓ Orderly cable routing
- ✓ Improved safety
- ✓ Easier inspection and maintenance
- ✓ Neat, professional finish



SBCT





SS AISI 302/304
PVC (Coating)

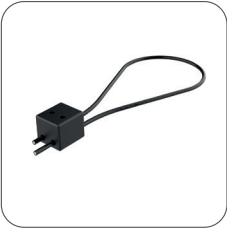






SKU	Max. Ø capacity	Holding force (N/kg)
02012000340	24,10	560 / 60
02012000341	39,40	560 / 60
02012000342	58,40	560 / 60
02012000343	74,20	560 / 60
02012000344	98,60	560 / 60
02012000345	106,70	560 / 60
02012000346	161,50	560 / 60
02012000347	185,90	560 / 60
02012000348	218,20	560 / 60
02012000349	250,70	560 / 60
02012000350	282,70	560 / 60
02012000351	315,20	560 / 60
02012000352	346,20	560 / 60

SSDT





SS AISI 302/304
PVC (Coating)
PA66 (Body)







SKU	Max. Ø capacity	Holding force (N/kg)
02012000380	24,10	222 / 22,50
02012000381	39,40	222 / 22,50
02012000382	58,40	222 / 22,50
02012000383	74,20	222 / 22,50
02012000384	98,60	222 / 22,50
02012000385	106,70	222 / 22,50
02012000386	161,50	222 / 22,50
02012000387	185,90	222 / 22,50
02012000388	218,20	222 / 22,50
02012000389	250,70	222 / 22,50
02012000390	282,70	222 / 22,50
02012000391	315,20	222 / 22,50
02012000392	346,20	222 / 22,50

SBDT





SS AISI 302/304
PVC (Coating)







SKU	Max. Ø capacity	Holding force (N)
02012000480	24,10	222
02012000481	39,40	222
02012000482	58,40	222
02012000483	74,20	222
02012000484	98,60	222
02012000485	106,70	222
02012000486	161,50	222
02012000487	185,90	222
02012000488	218,20	222
02012000489	250,70	222
02012000490	282,70	222
02012000491	315,20	222
02012000492	346,20	222



REMOVAL TOOL

SSET







SKU	Max. Ø capacity	Cable tie width	Holding force (N/kg)
02012000450	38,00	4,60	882,60 / 90
02012000451	61,90	4,60	882,60 / 90
02012000452	61,90	7,90	1569 / 160
02012000453	90,60	4,60	882,60 / 90
02012000454	90,60	7,90	1569 / 160
02012000455	112,80	4,60	882,60 / 90
02012000456	112,80	7,90	1569 / 160
02012000457	141,00	7,90	1569 / 160
02012000458	163,80	4,60	882,60 / 90
02012000459	163,80	7,90	1569 / 160
02012000460	214,80	4,60	882,60 / 90
02012000461	214,80	7,90	1569 / 160
02012000462	265,70	4,60	882,60 / 90
02012000463	265,70	7,90	1569 / 160
02012000464	320,00	7,90	1569 / 160
02012000465	320,00	4,60	1569 / 160

 PVC-COATED OPTION COMPLIANT WITH IEC 60092



 CONTACT US FOR MORE INFORMATION

SSFT







SKU	Cable tie width max.	Panel thickness
02012000470	8,00	1,50 - 3,30
02012000471	8,00	3,30 - 6,40



SSET
 SUITABLE FOR CABLE TIE SSET

SSCT



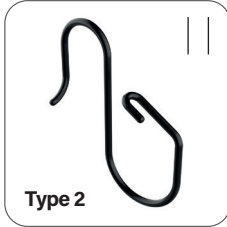
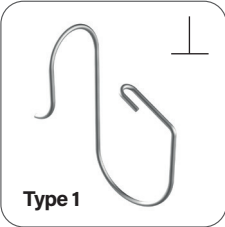




SKU	Max. Ø capacity	Holding force (N/kg)
02012000355	50,80	890 / 90
02012000356	76,20	890 / 90

 CUSTOM SOLUTIONS ON REQUEST

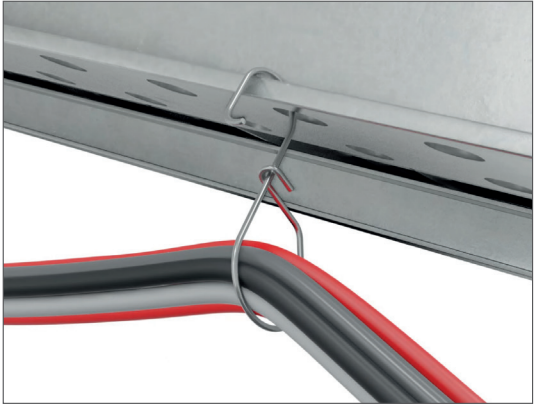
SUH







SKU	Max. Ø capacity	Type
02012000360	34,90	1
02012000361	34,90	1
02012000362	34,90	2
02012000363	34,90	2
02012000364	50,80	1
02012000365	50,80	1
02012000366	50,80	2
02012000367	50,80	2



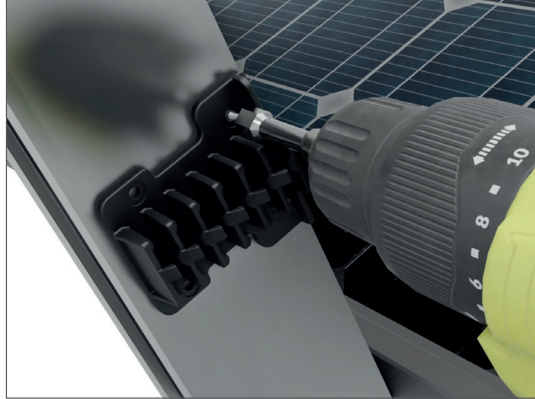
SUI



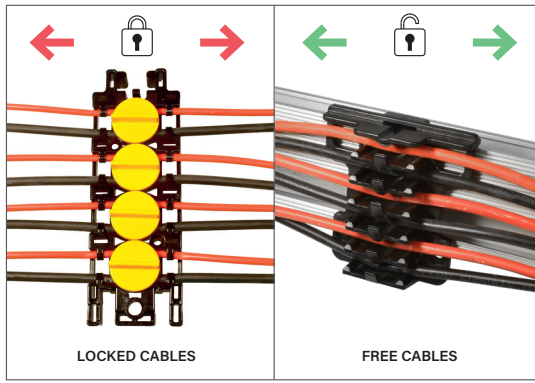


UL94 V0 

SKU	Cable range	Panel thickness	Mounting type
02012000370	5,20 - 7,20	-	Screwed*
02012000371	5,20 - 7,20	1,50 - 6,40	Clip-mounted



 MORE DESIGNS AVAILABLE



Cable Fastening.

Quick and secure fastening to panels and mounting structures

Secure cable fastening is essential to the **safety and reliability** of a photovoltaic installation. Wind, vibration and installation loads can cause poorly secured cables to move, chafe or disconnect, potentially **damaging the cable** or **interrupting electrical continuity**. Loose cables are also more exposed to environmental damage and interference from animals, increasing the likelihood of faults and maintenance work.

ISC fastening solutions are designed for **quick installation** and **reliable cable retention**. Correct fastening from the outset can **reduce cable movement, simplify maintenance** and **support reliable long-term operation**.



- ✓ Prevents movement and vibrations
- ✓ Reduces disconnections and damage
- ✓ Simplifies installation and maintenance
- ✓ Supports long-term system reliability

Panel Edge Clips

Panel edge clips secure one or more cables to the frame of a photovoltaic module. Versions are available for cables of equal or different diameters and for routing parallel or perpendicular to the panel edge.

The locking-tab design provides stable retention. Where necessary, selected clips can be repositioned or removed with a screwdriver.

Some versions also include slots for use with cable ties or clamps to provide additional retention.



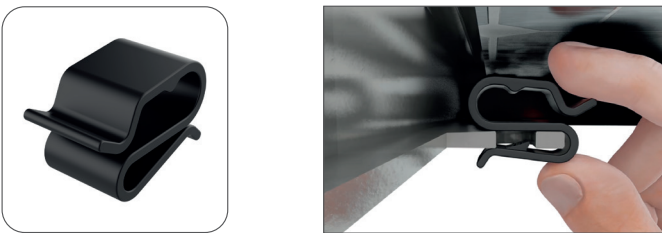
SFV



	PA66 SS AISI 304					UL94 V2 / UL 3741	
SKU	No. of cables	Cable range		Panel thickness			
02012000372	2	5,80 - 8,00		1,00 - 3,00			



SFU



	PA66* / PA12						
SKU	No. of cables	Cable range		Panel thickness	Panel hole (Oval)		
02012000375	2	5,00 - 7,60		1,30 - 3,10	7,00 x 10,00		



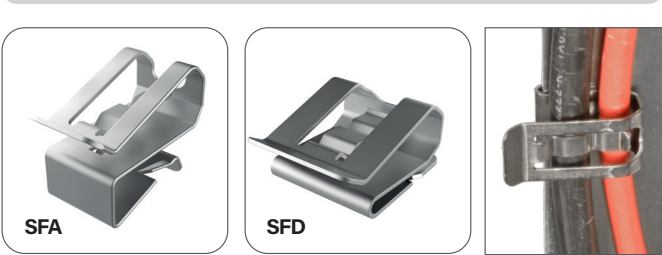
ZAE



	PA66 (Body) ZCS PA66 / PA12* (Cable tie)					UL94 V2 / HB*	
SKU	Panel thickness	Ø max.	Cable tie length	Fastening	Orientation		
02012000150	1,00 - 3,00	45,00	200,00	Side	Parallel (Bidirectional)		
02012000151	1,00 - 3,00	45,00	200,00	Side	Perpendicular (Bidirectional)		
02012000152	1,00 - 3,00	45,00	200,00	Top	Parallel (Bidirectional)		
02012000153	1,00 - 3,00	45,00	200,00	Top	Perpendicular (Bidirectional)		
02012000154	3,00 - 6,00	45,00	200,00	Side	Parallel		
02012000155	3,00 - 6,00	45,00	200,00	Side	Perpendicular		
02012000156	3,00 - 6,00	45,00	200,00	Top	Parallel		
02012000157	3,00 - 6,00	45,00	200,00	Top	Perpendicular		



SFA - SFD



	SS AISI 304 / 316 / 301						
SKU	Family	No. of cables	Cable range		Panel thickness		
02012000300	SFA	2	5,10 - 7,60		0,64 - 2,36		
02012000301	SFA	2	5,10 - 7,60		1,40 - 3,20		
02012000302	SFA	2	5,10 - 7,60		2,30 - 6,40		
02012000306	SFD	2	5,10 - 8,40		1,10 - 2,00		

Stainless steel clips for cables and accessories

These clips provide durable cable retention for photovoltaic modules and other outdoor applications. Stainless steel offers a robust alternative where exposure to heat, UV radiation or harsh environmental conditions may limit the suitability of polymer cable ties.

Designed to organize cables of different diameters, they feature rounded edges that protect the cable insulation from potential damage.

They are available in two versions: panel edge clips and structural profile clips. Both models can be easily installed by hand; panel edge versions include a locking tab for secure fastening, while structural profile versions can be repositioned or removed without tools.

UL certified, these clips ensure high quality and a service life of at least 20 years.





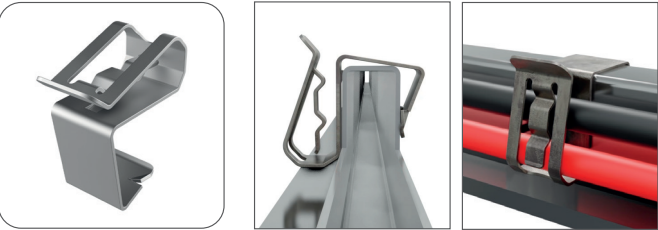
SFF



SS AISI 304 TPE

SKU	No. of cables	Cable range	Panel thickness
02012000310	2	5,10 - 7,60	3,20 - 6,40

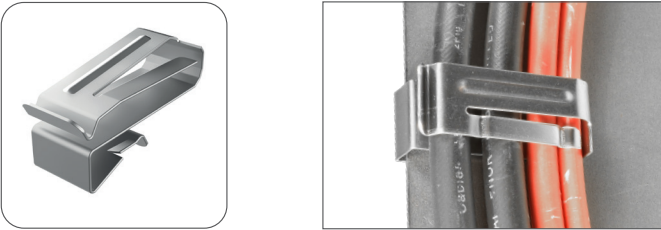
SFE



SS AISI 304

SKU	No. of cables	Cable range	Panel thickness
02012000307	2	5,10 - 8,40	13,00 - 15,30
02012000308	2	5,10 - 8,40	15,30 - 16,80
02012000309	2	5,10 - 8,40	16,80 - 18,00

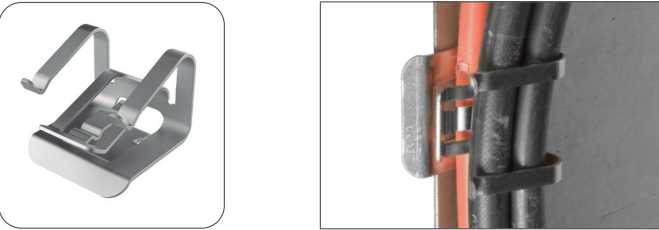
SFH



SS AISI 410

SKU	No. of cables	Cable range	Panel thickness
02012000312	4	5,10 - 7,60	1,40 - 3,20
02012000313	4	5,10 - 7,60	3,20 - 6,40

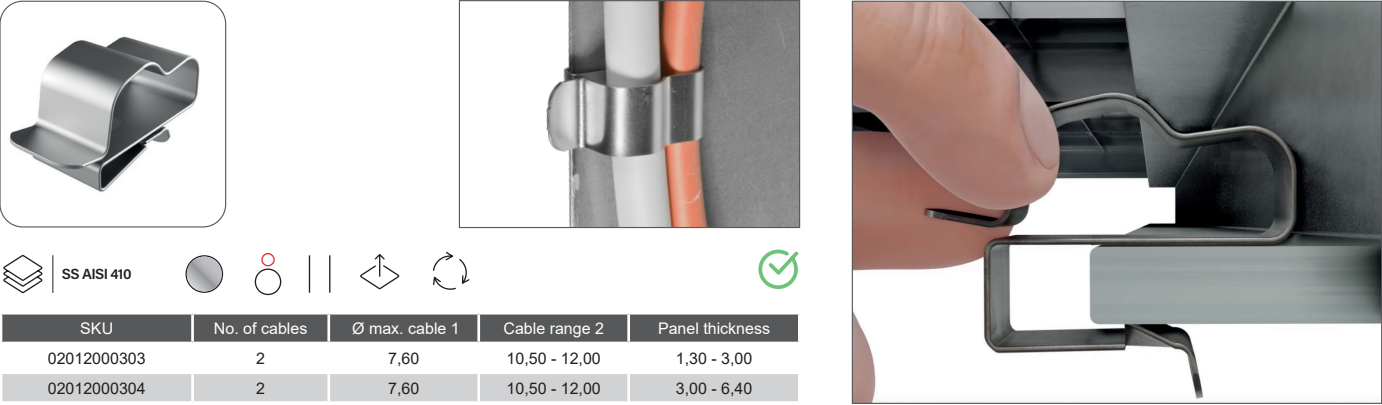
SFI



SS AISI 410

SKU	No. of cables	Cable range	Panel thickness
02012000314	4	6,60 - 8,40	0,80 - 2,00

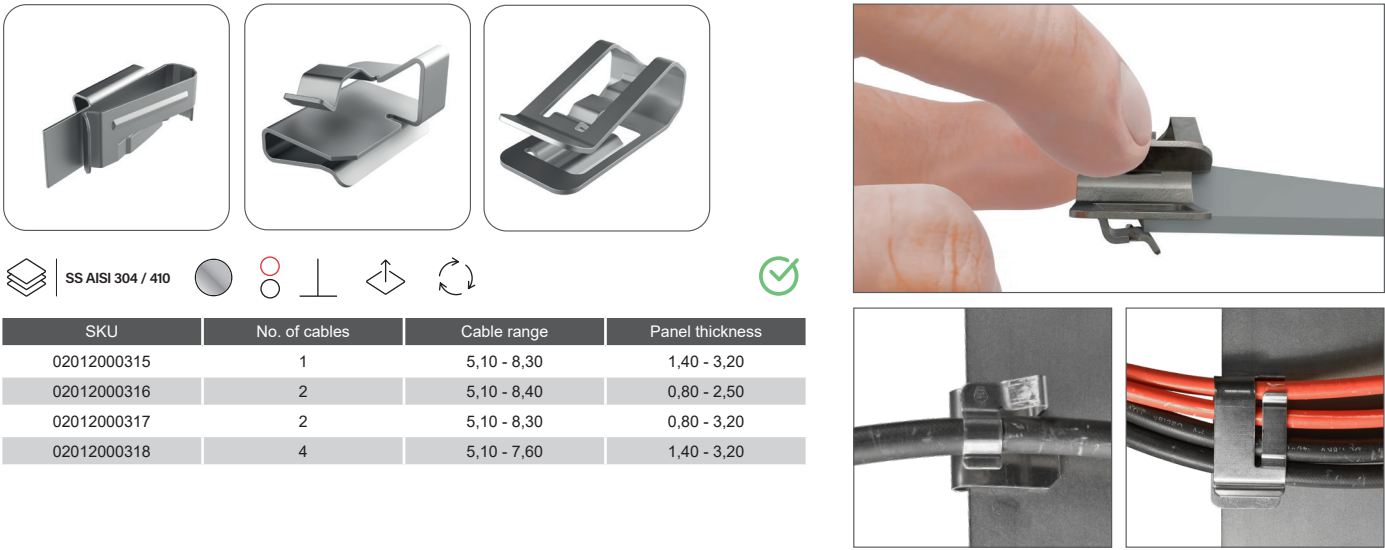
SFB



SS AISI 410

SKU	No. of cables	Ø max. cable 1	Cable range 2	Panel thickness
02012000303	2	7,60	10,50 - 12,00	1,30 - 3,00
02012000304	2	7,60	10,50 - 12,00	3,00 - 6,40

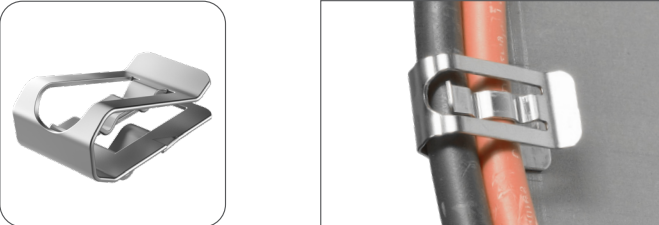
SFJ



SS AISI 304 / 410

SKU	No. of cables	Cable range	Panel thickness
02012000315	1	5,10 - 8,30	1,40 - 3,20
02012000316	2	5,10 - 8,40	0,80 - 2,50
02012000317	2	5,10 - 8,30	0,80 - 3,20
02012000318	4	5,10 - 7,60	1,40 - 3,20

SFC



SS AISI 304

SKU	No. of cables	Cable range	Panel thickness
02012000305	2	5,10 - 8,30	1,40 - 3,20

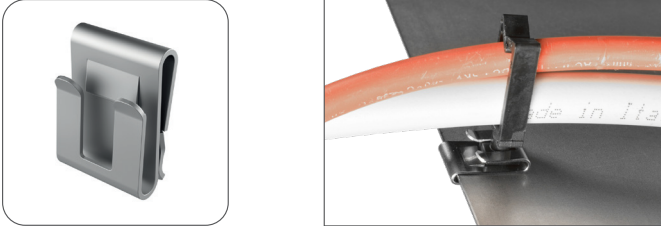
SFG



SS AISI 410

SKU	No. of cables	Cable range 1	Cable range 2	Panel thickness
02012000311	3	6,60 - 8,40	9,70 - 14,50	0,80 - 2,00

SFK



SS AISI 304

SKU	Panel thickness
02012000319	0,80 - 2,10



SUITABLE FOR MODULAR CLIP CLAMPS (p. 21)



Structural profile clips

Structural profile clips are designed to provide quick and secure fastening to support profiles without the need for tools. Their design allows them to be easily repositioned or removed when required, facilitating maintenance tasks and cable reorganisation. The range includes models for fastening different numbers of cables, both of the same or different sizes, adapting to the various installation configurations found in photovoltaic and industrial structures.

SFN

SKU	Max. capacity	Panel thickness
02012000326	6,40 x 25,40	2,00 - 6,40
02012000327	6,40 x 25,40	6,40

SFL

SKU	No. of cables	Ø max. cable 1	Cable range 2	Panel thickness
02012000320	2	7,60	10,50 - 12,00	2,00 - 6,40
02012000321	2	7,60	10,50 - 12,00	6,40
02012000322	2	7,60	10,50 - 12,00	9,70

SFM

SKU	No. of cables	Ø max. cable 1	Cable range 2	Panel thickness
02012000323	2	7,60	10,50 - 12,00	2,00 - 6,40
02012000324	2	7,60	10,50 - 12,00	6,40
02012000325	2	7,60	10,50 - 12,00	9,70

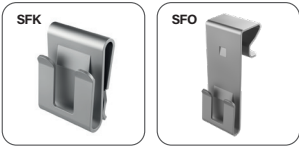
SFO

SKU	Panel thickness
02012000328	6,35

SUITABLE FOR MODULAR CLIP CLAMPS (p. 21)

Modular clip clamps

Modular cable clamps are used with the SFK panel-edge clip or SFO structural-profile clip to create a flexible cable-fastening system. Select the clamp according to the number, diameter and arrangement of the cables. The range includes straight and 90° versions, plus models with a locking mechanism, for photovoltaic and industrial applications.



SUITABLE FOR SFK (p. 19) AND SFO (p. 20) CLIPS

SFR

SKU	No. of cables	Cable range
02012000334	1 / More	7,40 - 11,20

SFP

SKU	Max. capacity	Type
02012000329	11,10 x 17,50	1
02012000330	11,10 x 25,40	1
02012000331	21,10 x 19,10	2

SFQ

SKU	Max. capacity
02012000332	11,10 x 17,50
02012000333	11,10 x 25,40

SFS

SKU	No. of cables	Cable range
02012000335	2	5,80 - 8,00

SFT

SKU	No. of cables	Cable range
02012000336	2	5,80 - 8,00

Mounting clamps

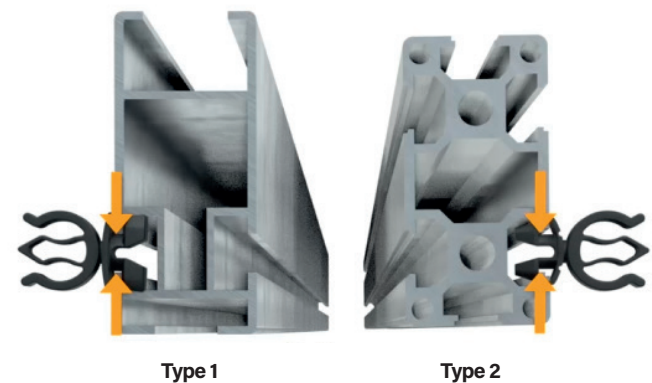
Mounting clamps provide a quick and secure solution for cable fastening and organisation directly onto panels, supports and structures using integrated mounting systems. The range includes different fastening technologies, such as ¼-turn (90°) mounting systems and push-in serrated clips, adapting to the requirements of each application.

Available in different configurations for one or multiple cables and with various routing designs, these clamps provide reliable cable retention, facilitate installation and, depending on the model, allow repositioning or removal to simplify maintenance and cable reorganisation.

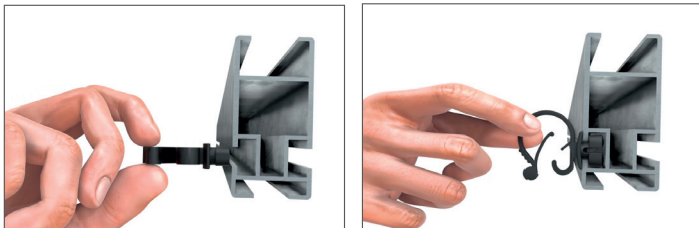
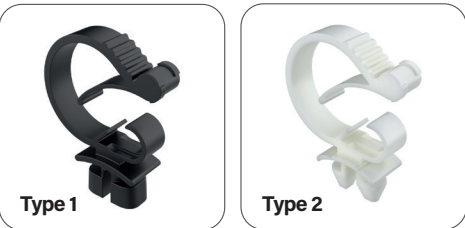
The SGE and SGF clamps are designed for installation on standard structural profiles using a ¼-turn (90°) mounting system. They are available with two mounting types to accommodate different profile slot dimensions:

Type 1 (T-Type): For profiles used in photovoltaic mounting structures and other industrial applications.

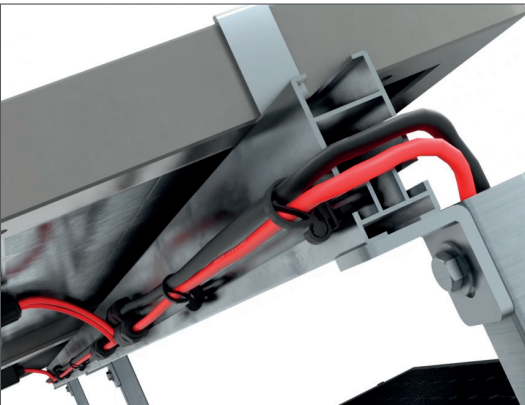
Type 2 (I-Type): For standard aluminium profiles used in industrial automation, photovoltaic mounting systems and lightweight structures.



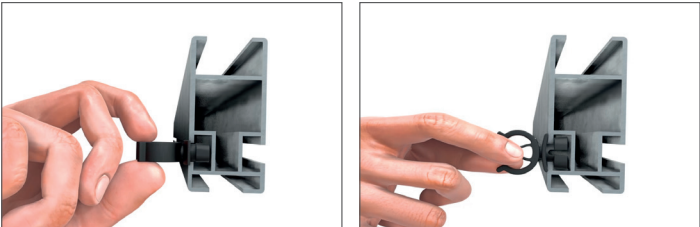
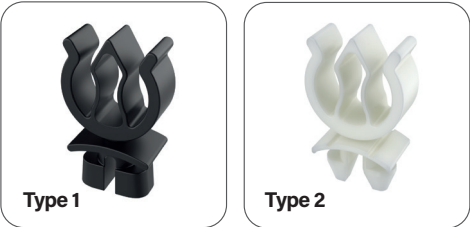
SGE



SKU	No. of cables	Cable range	Mounting slot	Type
02012000420	1 / More	7,40 - 11,20	6,35 - 9,50	1
02012000421	1 / More	7,40 - 11,20	9,50 - 12,50	1
02012000422	1 / More	7,40 - 11,20	12,50 - 13,00	1
02012000423	1 / More	7,40 - 11,20	8,00	2
02012000424	1 / More	10,40 - 17,50	6,35 - 9,50	1
02012000425	1 / More	10,40 - 17,50	9,50 - 12,50	1
02012000426	1 / More	10,40 - 17,50	12,50 - 13,00	1
02012000427	1 / More	10,40 - 17,50	8,00	2
02012000428	1 / More	15,20 - 22,20	6,35 - 9,50	1
02012000429	1 / More	15,20 - 22,20	9,50 - 12,50	1
02012000430	1 / More	15,20 - 22,20	12,50 - 13,00	1
02012000431	1 / More	15,20 - 22,20	8,00	2



SGF



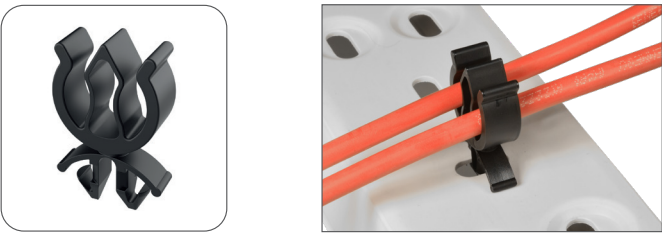
SKU	No. of cables	Cable range	Mounting slot	Type
02012000435	2	5,80 - 8,00	6,35 - 9,50	1
02012000436	2	5,80 - 8,00	9,50 - 12,50	1
02012000437	2	5,80 - 8,00	12,50 - 13,00	1
02012000438	2	5,80 - 8,00	8,00	2

SGD



SKU	No. of cables	Cable range	Hole size	Panel thickness
02012000400	1 / More	7,40 - 11,20	7,00 x 10,00	1,40 - 4,40
02012000401	1 / More	7,40 - 11,20	7,00 x 12,00	1,40 - 4,40
02012000402	1 / More	7,40 - 11,20	9,00 x 14,00	1,40 - 3,70
02012000403	1 / More	7,40 - 11,20	8,50 x 16,00	1,40 - 3,40
02012000404	1 / More	10,40 - 17,50	7,00 x 10,00	1,40 - 4,40
02012000405	1 / More	10,40 - 17,50	7,00 x 12,00	1,40 - 4,40
02012000406	1 / More	10,40 - 17,50	9,00 x 14,00	1,40 - 3,70
02012000407	1 / More	10,40 - 17,50	8,50 x 16,00	1,40 - 3,40
02012000408	1 / More	15,20 - 22,20	7,00 x 10,00	1,40 - 4,40
02012000409	1 / More	15,20 - 22,20	7,00 x 12,00	1,40 - 4,40
02012000410	1 / More	15,20 - 22,20	9,00 x 14,00	1,40 - 3,70
02012000411	1 / More	15,20 - 22,20	8,50 x 16,00	1,40 - 3,40

SGB



SKU	No. of cables	Cable range	Hole size	Panel thickness
02012000415	2	5,80 - 8,00	7,00 x 10,00	1,40 - 4,40
02012000416	2	5,80 - 8,00	7,00 x 12,00	1,40 - 4,40
02012000417	2	5,80 - 8,00	9,00 x 14,00	1,40 - 3,70
02012000418	2	5,80 - 8,00	8,50 x 16,00	1,40 - 3,40

SGC



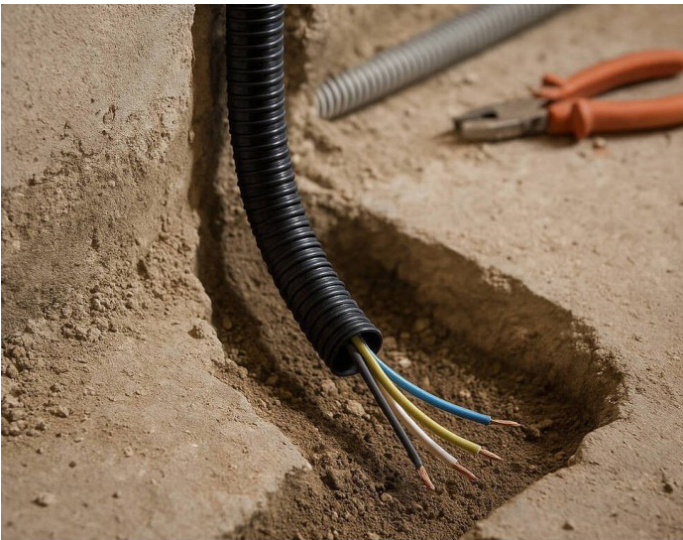
SKU	No. of cables	Cable range	Hole size	Panel thickness
02012000373	2	5,80 - 8,00	6,60	0,70 - 6,40

Cable Protection.

Cable protection and insulation

Protecting cables and connections is essential to the **safety, continuity and service life** of a photovoltaic installation. Suitable protection helps prevent mechanical damage, limits exposure to environmental conditions and **maintains the integrity of electrical connections**.

ISC offers cable protection products, **photovoltaic connectors**, **pre-assembled cables** and **protective accessories** for reliable cable routing and connection.



- ✓ Helps prevent abrasion and sharp-edge damage
- ✓ Protects connections from environmental factors
- ✓ Reduces the risk of failures
- ✓ Supports installation reliability

Corrugated Conduit & Connector Systems

Corrugated conduit and connector systems protect and route cables in photovoltaic and industrial installations. The range includes conduits in different materials and compatible fittings for applications requiring mechanical strength and resistance to outdoor conditions.

When correctly specified and installed, these products protect against abrasion, moisture, UV exposure and other environmental factors. This can help extend cable service life and maintain installation reliability.



MPP



UL94 V2

SKU	Nominal diameter	Max. bending radius
02010001000	4,50	12,00
02010001001	7,50	15,00
02010001002	8,50	18,00
02010001003	10,00	18,00
02010001004	12,00	20,00
02010001005	13,00	22,00
02010001006	14,00	25,00
02010001007	17,00	30,00
02010001008	19,00	35,00
02010001009	22,00	37,00
02010001010	23,00	42,00
02010001011	26,00	47,00
02010001012	29,00	60,00
02010001013	37,00	70,00
02010001014	50,00	100,00
02010001015	56,00	100,00
02010001016	70,00	135,00
02010001017	95,00	150,00



AVAILABLE WITH SIDE OPENING



NPP



UL94 V2

SKU	Nominal diameter	Max. bending radius
02010001030	8,50	55,00
02010001031	10,00	60,00
02010001032	12,00	75,00
02010001033	14,00	80,00
02010001034	17,00	85,00
02010001035	20,00	110,00
02010001036	23,00	130,00
02010001037	29,00	140,00
02010001038	37,00	160,00
02010001039	50,00	170,00



MPO

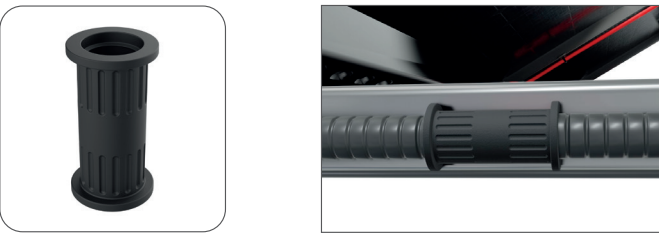


DIN EN 61386-22

SKU	Nominal diameter	Internal coating
02010001050	16,00	x
02010001051	20,00	✓
02010001052	25,00	✓
02010001053	32,00	✓
02010001054	40,00	x
02010001055	50,00	x



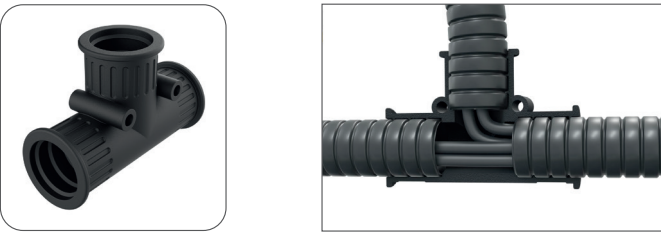
MDA



TPE IP 66

SKU	For tube
02009000001	10,00
02009000002	13,00
02009000003	15,80
02009000004	18,50
02009000005	21,20
02009000006	28,50
02009000007	34,50
02009000008	42,50
02009000009	54,50

MDB



TPE IP 66

SKU	For tube (D1)	For tube (D2)
02009000010	10,00	10,00
02009000011	13,00	13,00
02009000012	15,80	15,80
02009000013	15,80	28,50
02009000014	18,50	18,50
02009000015	21,20	21,20
02009000016	28,50	21,20
02009000017	28,50	28,50
02009000018	34,50	34,50

MDC



TPE IP 66

SKU	For tube (D1)	For tube (D2)
02009000019	10,00	10,00
02009000020	18,50	18,50
02009000021	21,20	15,80
02009000022	21,20	21,20
02009000023	28,50	15,80
02009000024	28,50	21,20
02009000025	34,50	28,50
02009000026	42,50	34,50
02009000027	54,50	42,50



Photovoltaic Connectors & Accessories

Photovoltaic connectors and accessories provide safe, reliable DC connections in solar installations. Correctly specified and installed connectors help maintain electrical continuity and system performance over the service life of the installation.

The range includes DC connectors, pre-assembled extension cables with MC4 and MC4-Evo 2 connectors, and protective accessories. UV-resistant materials and product-specific ingress-protection ratings support outdoor use. Always select and install connectors in accordance with the manufacturer's instructions and the applicable electrical standards.

SZI

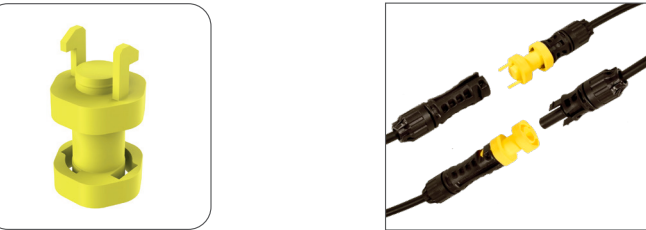


PA (MC4 EVO2)
PA+PC (MC4)
TPC (Terminal)
UL94 V0 IP 65 / 68 IEC 62930 TÜV Rheinland

SKU	Connector type	Max. voltage (V DC)	Male connector	Female connector	Section (mm²)
02015000001	MC4	1100	✓	×	4,00 - 6,00
02015000002	MC4	1100	×	✓	4,00 - 6,00
02015000003	MC4	1100	✓	×	4,00 - 6,00
02015000004	MC4	1100	×	✓	4,00 - 6,00
02015000005	MC4 EVO 2	1500	✓	×	4,00 - 6,00
02015000006	MC4 EVO 2	1500	×	✓	4,00 - 6,00
02015000007	MC4 EVO 2	1500	✓	×	10,00
02015000008	MC4 EVO 2	1500	×	✓	10,00
02015000012	SOLAR CONNECTOR	1500		✓	4,00 - 6,00

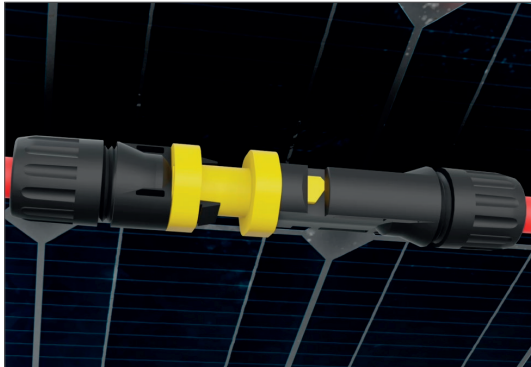


SZE



PA66 IP X4 / 67

SKU
02012000398





SZO



PA (MC4 EVO2)
PA+PC (MC4)
TPC (Terminal)



EN 50618 IEC 62930



SKU	Connector type	Max. voltage (V DC)	Section (mm ²)	Cable length (m)	Configuration
02015000015	MC4	1100	4,00	1	Individual
02015000016	MC4	1100	4,00	2	Individual
02015000017	MC4	1100	4,00	3	Individual
02015000018	MC4	1100	4,00	5	Individual
02015000019	MC4	1100	4,00	10	Individual
02015000020	MC4	1100	6,00	1	Individual
02015000021	MC4	1100	6,00	2	Individual
02015000022	MC4	1100	6,00	3	Individual
02015000023	MC4	1100	6,00	5	Individual
02015000024	MC4	1100	6,00	10	Individual
02015000025	MC4 EVO 2	1500	4,00	1	Individual
02015000026	MC4 EVO 2	1500	4,00	2	Individual
02015000027	MC4 EVO 2	1500	4,00	3	Individual
02015000028	MC4 EVO 2	1500	4,00	5	Individual
02015000029	MC4 EVO 2	1500	4,00	10	Individual
02015000030	MC4 EVO 2	1500	6,00	1	Individual
02015000031	MC4 EVO 2	1500	6,00	2	Individual
02015000032	MC4 EVO 2	1500	6,00	3	Individual
02015000033	MC4 EVO 2	1500	6,00	5	Individual
02015000034	MC4 EVO 2	1500	6,00	10	Individual
02015000035	MC4 EVO 2	1500	4,00	1	Pair
02015000036	MC4 EVO 2	1500	4,00	2	Pair
02015000037	MC4 EVO 2	1500	4,00	5	Pair
02015000038	MC4 EVO 2	1500	4,00	10	Pair
02015000039	MC4 EVO 2	1500	6,00	1	Pair
02015000040	MC4 EVO 2	1500	6,00	2	Pair
02015000041	MC4 EVO 2	1500	6,00	3	Pair
02015000042	MC4 EVO 2	1500	6,00	5	Pair
02015000043	MC4 EVO 2	1500	6,00	10	Pair
02015000044	SOLAR CONNECTOR	1500	4,00	1	Individual
02015000045	SOLAR CONNECTOR	1500	4,00	2	Individual
02015000046	SOLAR CONNECTOR	1500	4,00	3	Individual
02015000047	SOLAR CONNECTOR	1500	4,00	5	Individual
02015000048	SOLAR CONNECTOR	1500	4,00	10	Individual
02015000049	SOLAR CONNECTOR	1500	6,00	1	Individual
02015000050	SOLAR CONNECTOR	1500	6,00	2	Individual
02015000051	SOLAR CONNECTOR	1500	6,00	3	Individual
02015000052	SOLAR CONNECTOR	1500	6,00	5	Individual
02015000053	SOLAR CONNECTOR	1500	6,00	10	Individual

AVAILABLE CONFIGURATIONS:

Individual: a pre-assembled extension cable, ideal for extensions or replacements.

Pair (+/-): includes one positive and one negative cable of the same length, facilitating connections between modules, strings or equipment.

Cable Entry & Sealing.

IP protection and sealing solutions for enclosures and inverters

Cable entry points are critical to protecting electrical enclosures, inverters and cabinets against dust, moisture and other environmental factors. The correct sealing component preserves the enclosure's ingress-protection rating and helps maintain equipment reliability.

ISC cable entry and sealing products are designed for straightforward installation and reliable sealing in photovoltaic and industrial applications.



- ✓ Prevents the ingress of dust and moisture
- ✓ Helps maintain the enclosure's IP rating
- ✓ Reduces the risk of condensation-related failures
- ✓ Supports installation reliability



Discover our range of cable grommets and plugs

ISC offers cable grommets and plugs for cable entry, sealing and finishing in enclosures and electrical equipment. Materials include PVC, EPDM and polyamide, with product-specific resistance to UV exposure, moisture, ozone, ageing and common chemicals. Select the material and product according to the application and operating environment.

The range also includes blanking and sealing plugs made from self-extinguishing, halogen-free materials, as well as vent plugs with breathable membranes. Vent plugs equalise pressure and ventilate enclosures while helping limit moisture and condensation, subject to the product's stated IP rating and installation conditions.





Symbols & Abbreviations

PRODUCT INFORMATION

 Materials	 UV resistance
 Unit of measurement	 Flame retardant
 More information	 Flexible
 Innovation	 Cables of the same size
 More designs	 Cables of different sizes
 Tool-assisted installation	 Cables parallel to the panel edge
 Reusable	 Cables perpendicular to the panel edge
 Releasable	 Bidirectional configuration
 1/4 - turn	

COLORS

 White
 Natural* Depends on the type of plastic
 Black
 Metallic
 Grey
 Yellow
 Dyed colors

CERTIFICATIONS

 20-year warranty
 REACH and RoHS compliant
 Certified by Underwriters Laboratories (UL)
 Recognized by Underwriters Laboratories (UL)
 Certified by VDE Testing and Certification Institute
 Certified by TÜV Rheinland

MATERIALS

Acronym	Material
PA	Polyamide
PA+PC	Polyamide + Polycarbonate
PA12	Polyamide 12
PA66	Polyamide 66
PES	Polyester
PO	Modified polyolefin
PP	Polypropylene
PPE+PS (NORYL)	Polyphenylene ether + polystyrene
PVC	Polyvinyl chloride
SS AISI 301	Stainless steel AISI 301
SS AISI 302	Stainless steel AISI 302
SS AISI 304	Stainless steel AISI 304
SS AISI 316	Stainless steel AISI 316
SS AISI 316L	Stainless steel AISI 316L
SS AISI 410	Stainless steel AISI 410
TPC	Tinned copper
TPE	Thermoplastic elastomer
ZCS	Zinc coated steel

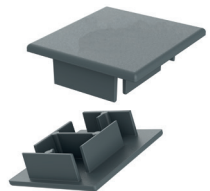
TEMPERATURES

Family	Operating temperature (°C)
SBCT	-40°C / +105°C
SBDT	-40°C / +105°C
SSDT	-40°C / +105°C
SSET (Uncoated)	-80°C / +530°C
SSET (Coated)	-40°C / +150°C
SSFT	-40°C / +300°C
SSCT	-40°C / +90°C
SUH	-40°C / +90°C
SUI	-40°C / +95°C
SFV	0°C / +85°C
ZAE	-18°C / +105°C
SFU (PA66)	-40°C / +105°C
SFU (PA12)	-40°C / +120°C
SFA	-40°C / +300°C
SFD	-40°C / +300°C
SFF	-40°C / +300°C
SFE	-40°C / +300°C
SFB	-40°C / +300°C
SFC	-40°C / +300°C
SFG	-40°C / +300°C
SFH	-40°C / +300°C
SFI	-40°C / +300°C
SFJ	-40°C / +300°C
SFK	-40°C / +300°C

Family	Operating temperature (°C)
SFN	-40°C / +300°C
SFM	-18°C / +85°C
SFL	-40°C / +300°C
SFO	-40°C / +300°C
SFR	-40°C / +105°C
SFP	-40°C / +105°C
SFQ	-40°C / +105°C
SFS	-40°C / +105°C
SFT	-40°C / +105°C
SGE	-40°C / +115°C
SGF	-40°C / +115°C
SGD	-40°C / +115°C
SGB	-20°C / +85°C
SGC	-20°C / +85°C
MPP	-40°C / +130°C
NPP	-40°C / +130°C
MPO	-15°C / +105°C
MDA	-40°C / +120°C
MDB	-40°C / +120°C
MDC	-40°C / +120°C
SZI	-40°C / +85°C
SZE	-40°C / +105°C
SZO	-40°C / +90°C



Customised Covers for Solar Structure Profiles

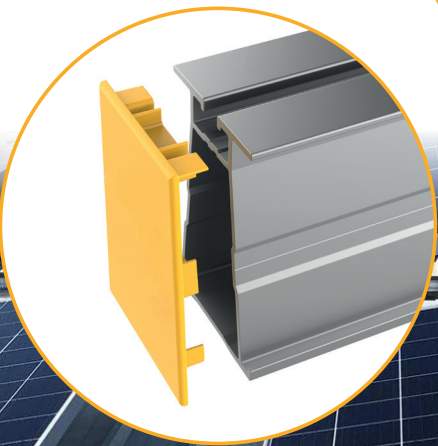


Manufactured in colours  RAL

Custom company logo

✓ Protection ✓ Aesthetics

✓ Safety



NOTES



Small **parts**
for great products.



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