



Hirschmann connections make history: The Power connectors.

- Robust and multi-faceted power connectors
- For industrial environments and lighting technology
- Tested over many years in outdoor operations
- The usual Hirschmann quality
- Long-life and water resistant
- Simple and efficient manufacture



HIRSCHMANN

A Belden Company

Maximum power – in the long run, too! The ST series connectors from Hirschmann.

Varied options

- Extrusion coated and tailor-made option

Durable

- Connector casing made from high-resistant plastics

Time saving

- Swift and efficient manufacture

Vibration proof

- Shock proof in any application

Protection class

- IP 54

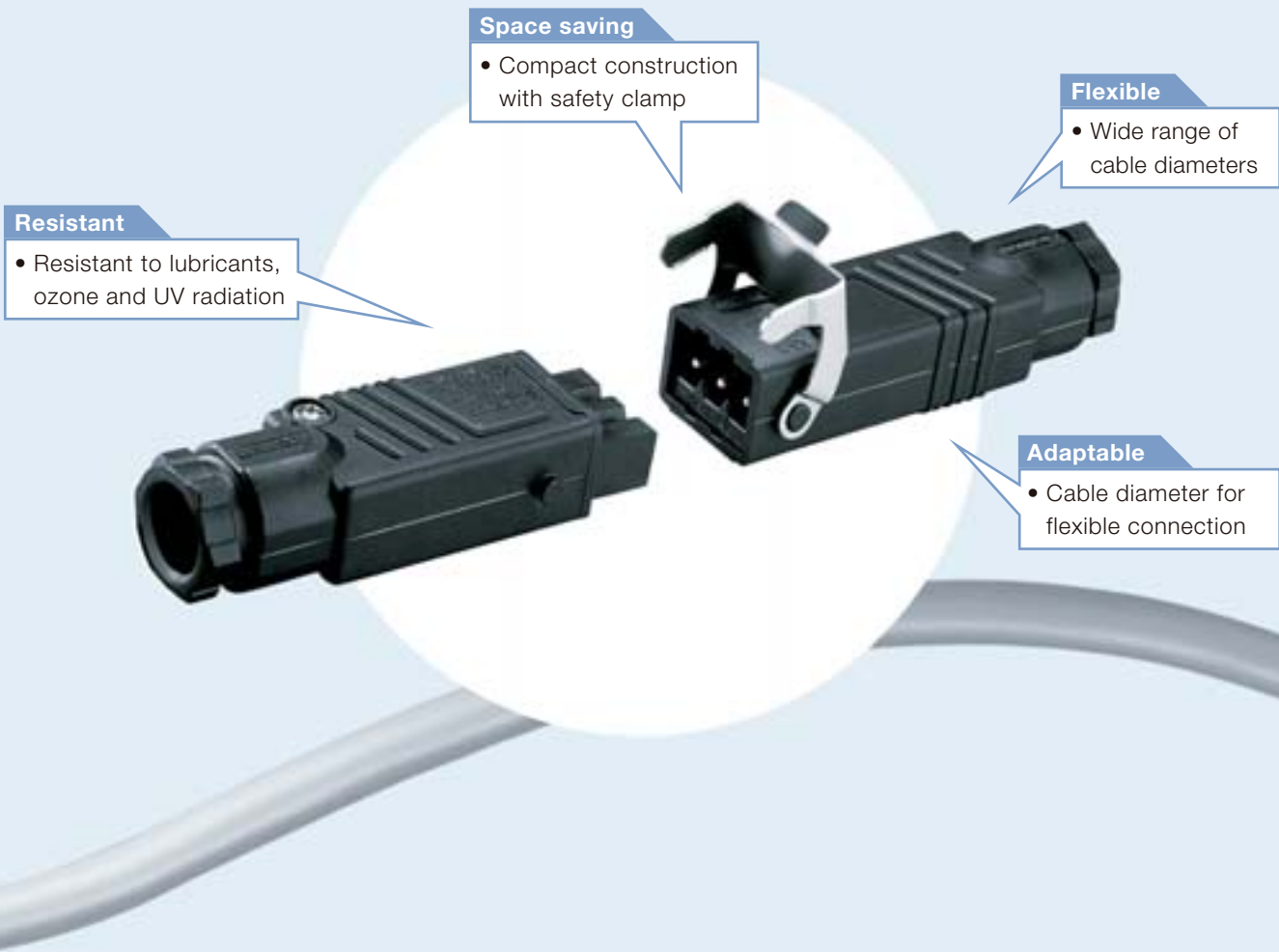
Tight seal

- Simple, conventional screw fitting

Applications

Thanks to its compact structure and the convincing performance characteristics, the ST power connectors are suitable for a wide range of applications. Not just for power supply in motors in solar sensitive areas, such as with blinds and awnings, where they have been used in millions of cases, but also in the field of heavy industry. Here, the ST connectors with power are so

convincing when used with controls and motors, even with the highest levels of vibration. But with many other applications, too, as, for example with the power supply for spraying equipment, or with medical applications and in industrial lighting systems, the ST connectors show the full potential of their power. See for yourself!



Requirements and solutions


Whether in the tough industrial environment under extreme vibration conditions, or in applications outdoors, where a connector has to do an outstanding job for years on end, come wind or rain, Hirschmann can offer tried and tested products of the highest quality. Building on our high levels of competence and capability and many years of experience in the field of connectors, we are in a position to deliver both customer-specific and project-based solutions on demand.

Take, for example, the robust power connectors from the ST range, conceived for nearly any kind of outdoor use. It's hardly surprising! After all, Hirschmann

connectors have been delivering convincing solutions for over 30 years in the area of power supply to solar protected drives for awnings and sun blinds, and with exterior lighting. The ST connectors have excelled not just because of their appropriate IP protection, but also due to the characteristics they have acquired from the area of industry where we have been active for many years now, in vibration- and shock-proof connectors. Likewise, through the depth and breadth of the range, where the right connector is available for practically any application. These are the best pre-conditions, then, for a secure, reliable, and durable connector, going by our watchword: "Fit it and forget it!" And where are you going to use it?


Cable socket

Moulded-on	
Number of contacts	3 + PE
Colors	grey/black
Conductor size	0.75 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 10 A
Contact resistance	<= 5 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C




Cable socket

Field attachable	
Number of contacts	2 – 5 + PE
Colors	grey/black
Conductor size	max. 1.5 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 16 A
Contact resistance	<= 5 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C




Cable plug

Moulded-on	
Number of contacts	2 – 4 + PE
Colors	grey/black
Conductor size	0.75 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 10 A
Contact resistance	<= 5 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C




Cable plug

Field attachable	
Number of contacts	2 – 5 + PE
Colors	grey/black
Conductor size	max. 1.5 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 16 A
Contact resistance	<= 5 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C




Panel mounted socket

Number of contacts	2 – 5 + PE
Colors	grey/black
Conductor size	1 – 1.5 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 16 A
Contact resistance	<= 5 – 10 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C




Surface mounted socket

Number of contacts	2 – 5 + PE
Colors	grey/black
Conductor size	1 – 1.5 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 16 A
Contact resistance	<= 5 – 10 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C




Panel mounted plug

Number of contacts	2 – 5 + PE
Colors	grey/black
Conductor size	1 – 1.5 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 16 A
Contact resistance	<= 5 – 10 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C



Surface mounted plug

Number of contacts	2 – 5 + PE
Colors	grey/black
Conductor size	1 – 1.5 mm²
Rated voltage	DC 250 V/AC 400 V
Rated current	DC 10 A/AC 16 A
Contact resistance	<= 5 – 10 mOhm
Protection class	IP 54
Temperature range	-30° C up to +90° C



Connectors Unlimited® – the tailor-made solution.

So that you don't have to make any compromises with the standard power connectors, in terms of cable length, switching, manufacture or connection technology, Hirschmann offers individual solutions for every need.





Product features

As standard products in the area of solar protection, the tried and tested ST connectors are in effect a guarantee for trouble-free operation and are synonymous with universal power applications in outside areas. Not least because of its stable and compact construction, this Hirschmann connector is the benchmark product. Over and above this, Hirschmann can offer the customer comprehensive and efficient solutions with customer-specific application tests, customer-specific packaging and cable manufacture, as well as warehouse management service.

- VDE and UL approval
- IP 54 protection against dust and spray
- Universal applications
- Simple installation and manufacture
- Maximum voltage of 400 V for power supply at a cost-efficient price
- Maximum current of 16 A, corresponding to the derating curve
- Integrated strain relief in connectors with a line adaptor



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Hirschmann. Simply a good Connection.



- Production bases
- Sales subsidiaries
- Selected distribution partners

Hirschmann Automation and Control GmbH

Industrial ETHERNET

FiberINTERFACES

Industrial Connectors

Electronic Control Systems

WWW.HIRSCHMANN.COM

"The information/details in this publication merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be deemed binding if these are expressly agreed on conclusion of the contract.

Please note that some characteristics of the recommended accessory parts may differ from the appropriate product. This might limit the possible operating conditions for the entire system."