Let's Roll!

Choose our complete Rolling Stock cable offer and enjoy the ride.

Prysmian Group

Linking the Future

CONNECTING THE WORLD. TODAY AND IN THE FUTURE.

Prysmian Group is world leader in the energy and telecom cables and systems industry.

With 140 years' experience, the Group is strongly positioned in high-tech markets and offers the widest possible range of products, services, technologies and know-how.

140
YEARS OF EXPERIENCE

25
R&D CENTRES AROUND THE WORLD

We specialise in underground and submarine cables and systems for power transmission and distribution, special cables for applications in many different industries, and medium and low voltage cables for the construction and infrastructure sectors.

For the telecommunications industry, the Group is the world's largest provider of cutting-edge cables and accessories for voice, video and data transmission, offering a comprehensive range of optical fibres, optical and copper cables and connectivity systems.

We are committed to environmental responsibility in our production processes, the protection of the global environment, and the responsible management of relations with the local communities in which we work.

For us, innovation means meeting the needs of our customers and communities by understanding their business drivers as quickly as they do. To do that, our team of over 900 Research & Development professionals is constantly looking to the future, predicting and identifying emerging trends in each of our industries and sectors. Acting on this intelligence from 25 R&D centres around the world, we're constantly close to our customers in their own local markets.

Rolling Stock cables

As the world turns towards more sustainable transportations, the request for trains will increase rapidly. As the demands for speed, comfort and safety will grow at the same pace, the amount of high-quality cables will become indispensable. This has an impact on all types of rolling stock vehicles and carriages.

With the goal of maximizing passengers' comfort, operational efficiency, safety and speed, Prysmian Group promotes and drives product development and innovation.
We put a lot of effort into minimizing the size and weight of cables and reducing the wall thickness of insulation and outer sheath, whilst maintaining or even enhancing performances.

Choose our complete Rolling Stock cable offer and enjoy the ride.

Our cable solutions sit at the heart of significant rolling stock projects all over the world. Our all-including range covers everything from power and instrumentation cables to data and telecom. From high temperature to thin wall designs and to harnessing solutions according to specific customer needs. Furthermore, we can provide you with all the services you might need – before, during and after.

What we offer.

Prysmian Group offers a complete cable portfolio covering all aspects needed in rolling stock equipment.

Advanced technology and performance.

Our cables allow: bending radius up to 3 times the cable outer diameter; smallest dimensions possible; higher working temperature with scaled-down conductor cross-sections; higher physical and mechanical resistance for properties such as abrasion, cut-through, notch propagation, repeated bending and vibrations. Easy peeling and low friction properties.

Unique safety in fire hazards.

Self-extinguishing properties, no toxic and corrosive gases released, and reduced smoke emission prevent the cables from contributing to fire propagation and related consequences to people safety and to equipment integrity. Our cables are suitable in the most critical conditions such as tunnels and deep metro lines.

Tailor-made solutions.

Thanks to extended technological capabilities we are able to manufacture a broad range of specifically developed compounds and cable designs as well as harnessing solutions according to specific customer needs.

Complete Solutions

Prysmian Group cables are suitable for equipping all kinds of rolling stock vehicles and carriages, including tramlines, underground and mass transit lines as well as regional trains.

- **Control cables**
- **Power cables**
- **High temperature**
- **Data cables**
- **Jumper cables**
- **Composite cables**
- **Pantograph**
- **Coaxial cables**

All Prysmian Group Rolling Stock cables are Reach and RoHs compliant and all manufacturing facilities are certified according to ISO/TS 22163 (IRIS).

Products & Brands

MOVIS Power and Control cables

Halogen free, single core, with special fire performance, increased heat resistance (120 °C) and reduced dimensions. For use as fixed wiring or where limited flexing in operation is encountered. Usable on rolling stock with hazard level HL3 according to EN 45545. Fire resistant (EN 50200) available.

MOVIS Data and Communication cables

Halogen free data cables with special fire performance and increased heat resistance. Usable on rolling stock with hazard level HL3 according to EN 45545.

Sienopyr (120)

Power and control cables according to EN with increased heat resistance (120 °C), fulfilling EN 45545 fire and smoke properties. Fire resistant (EN 50200) versions available.

Sienopyr (180)

High temperature cables based on EN 50382-2 with increased heat resistance (180 °C), fulfilling EN 45545.

TENAX TRAIN Plus and PROTOLON (HMK)

Halogen free single core HD flexible cables with special fire performance and reduced dimensions. Used for connection of pantographs in locomotives and trains. Special design also for flexible connections to distribute power along the train.

TEROL

Thin wall control cables for equipment control and monitoring circuits, internal wiring of equipment, interlocking circuits, indicating circuits. According to EN 50306, EN 50264 and EN 50382 with special fire performances. Usable on rolling stock with hazard level HL3 according to EN 45545. Tested against NFPA 130.

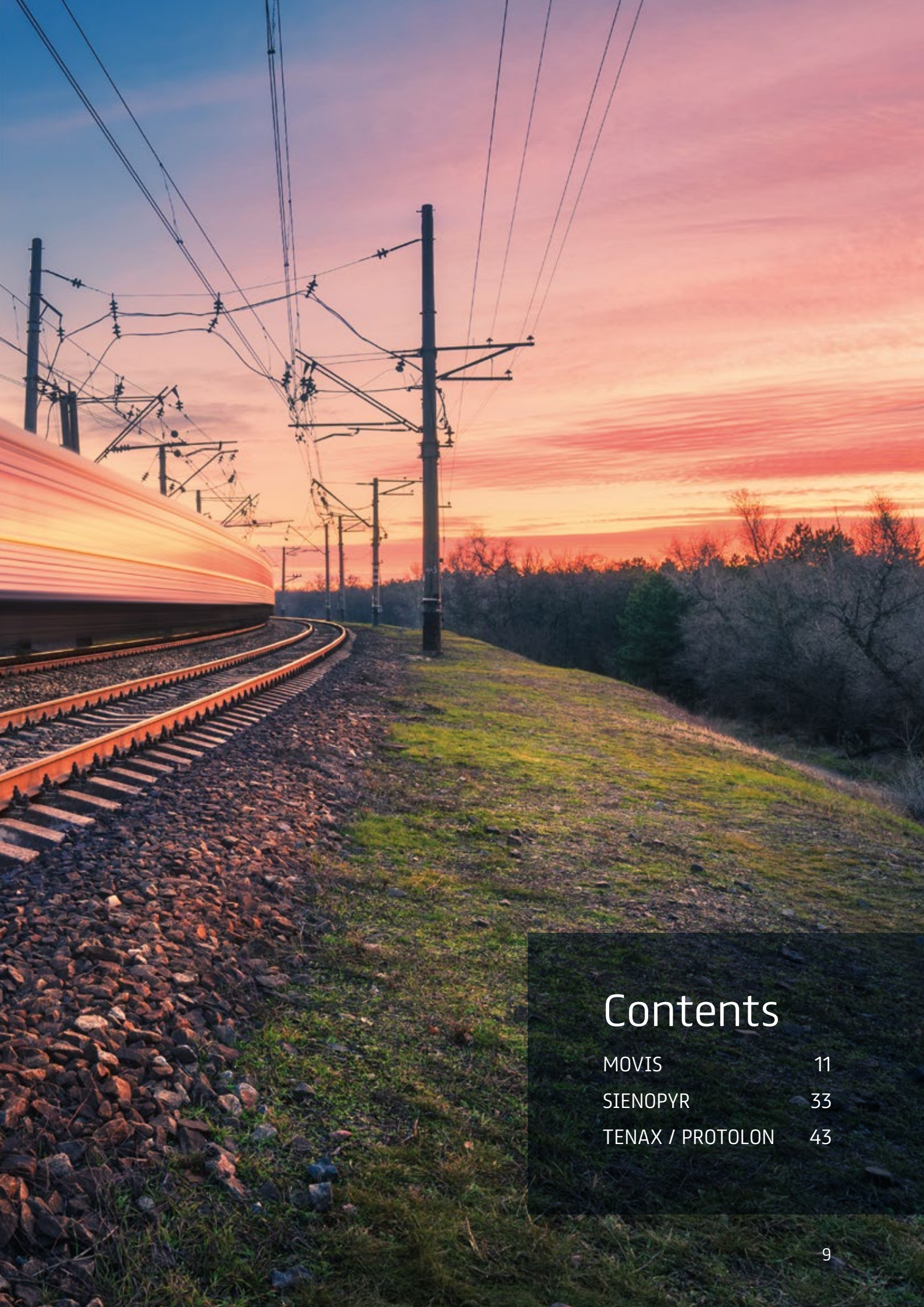
These cables are produced at our plant in France, but can of course be ordered via our German customer centers.

Engineered to perfection.

At our Centres of Excellence in Neustadt and Wuppertal, Germany, our skilled engineers and technicians are developing state-of-the art cables for the rolling stock industry. By putting special attention to every such detail we've built an outstanding portfolio covering all aspects of the hyper modern vehicles through the Art of German Engineering.

There are several advantages connected to having production and development based in Germany. First of all, it is our own market. We know what you need and can make the cables meet the quality demands that you ask for. Secondly, the lead times get a lot shorter. The cables will be in place where and when you need it. Thirdly, we can lower transport distances, which will save all of us both on money and the environment.

It is a win-win, for all of us.



Contents

MOVIS

MOVIS Data cables

MOVIS 2 GKW Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 2 GKW Flex	
Brand	MOVIS
Type designation	2 GKW Flex
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_2GKW_FLEX_300-500V

MOVIS 2 GKW C Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 2 GKW C Flex	
Brand	MOVIS
Type designation	2 GKW C Flex
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_2GKW_C_FLEX_300-500V

MOVIS 2 GKW FR Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 2 GKW FR Flex	
Brand	MOVIS
Type designation	2 GKW FR Flex
Standard	DIN EN 50264-1 DIN EN 50200 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 2 GKW C FR Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 2 GKW C FR Flex	
Brand	MOVIS
Type designation	2 GKW C FR Flex
Standard	DIN EN 50264-1 DIN EN 50200 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 2 GKW J Flex

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 2 GKW J Flex	
Brand	MOVIS
Type designation	2 GKW J Flex
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 2 GKW C J Flex

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 2 GKW C J Flex	
Brand	MOVIS
Type designation	2 GKW C J Flex
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 3 GKW

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 3 GKW	
Brand	MOVIS
Type designation	3 GKW
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	–
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_3GKW_0,6-1KV

MOVIS 3 GKW C

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 3 GKW C	
Brand	MOVIS
Type designation	3 GKW C
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_3GKW_C_0,6-1KV

MOVIS 3 GKW Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 3 GKW Flex	
Brand	MOVIS
Type designation	3 GKW Flex
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_3GKW_FLEX_0,6-1KV

MOVIS 3 GKW C Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 3 GKW C Flex	
Brand	MOVIS
Type designation	3 GKW C Flex
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_3GKW_C_FLEX_0,6-1KV

MOVIS 3 GKW FR

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 3 GKW FR	
Brand	MOVIS
Type designation	3 GKW FR
Standard	DIN EN 50264-3-1 DIN EN 50200 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	–
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_3GKW_FR_0,6-1KV

MOVIS 3 GKW C FR

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 3 GKW C FR	
Brand	MOVIS
Type designation	3 GKW C FR
Standard	DIN EN 50264-3-1 DIN EN 50200 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 3 GKW J

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 3 GKW J	
Brand	MOVIS
Type designation	3 GKW J
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 3 GKW C J

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 3 GKW C J	
Brand	MOVIS
Type designation	3 GKW C J
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 3 GKW J Flex

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 3 GKW J Flex	
Brand	MOVIS
Type designation	3 GKW J Flex
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 3 GKW C J Flex

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 3 GKW C J Flex	
Brand	MOVIS
Type designation	3 GKW C J Flex
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 4 GKW

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 4 GKW	
Brand	MOVIS
Type designation	4 GKW
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	–
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_4GKW_1,8-3KV

MOVIS 4 GKW C

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 4 GKW C	
Brand	MOVIS
Type designation	4 GKW C
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_4GKW_C_1,8-3KV

MOVIS 4 GKW Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 4 GKW Flex	
Brand	MOVIS
Type designation	4 GKW Flex
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 4 GKW C Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 4 GKW C Flex	
Brand	MOVIS
Type designation	4 GKW C Flex
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_4GKW_C_FLEX_1,8-3KV

MOVIS 4 GKW FR

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 4 GKW FR	
Brand	MOVIS
Type designation	4 GKW FR
Standard	DIN EN 50264-1 DIN EN 50200 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	–
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_4GKW_FR_1,8-3KV

MOVIS 4 GKW C FR

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 4 GKW C FR	
Brand	MOVIS
Type designation	4 GKW C FR
Standard	DIN EN 50264-1 DIN EN 50200 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 4 GKW J

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 4 GKW J	
Brand	MOVIS
Type designation	4 GKW J
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 4 GKW C J

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 4 GKW C J	
Brand	MOVIS
Type designation	4 GKW C J
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_4GKW_C_JUMPER_1,8-3KV

MOVIS 4 GKW J Flex

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 4 GKW J Flex	
Brand	MOVIS
Type designation	4 GKW J Flex
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 4 GKW C J Flex

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 4 GKW C J Flex	
Brand	MOVIS
Type designation	4 GKW C J Flex
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 9 GKW

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 9 GKW	
Brand	MOVIS
Type designation	9 GKW
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	–
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_9GKW_3,6-6KV

MOVIS 9 GKW C

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 9 GKW C	
Brand	MOVIS
Type designation	9 GKW C
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_9GKW_C_3,6-6KV

MOVIS 9 GKW C Flex

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS 9 GKW C Flex	
Brand	MOVIS
Type designation	9 GKW C Flex
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS 9 GKW J

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 9 GKW J	
Brand	MOVIS
Type designation	9 GKW J
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_9GKW_J_3,6-6KV

MOVIS 9 GKW C J

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 9 GKW C J	
Brand	MOVIS
Type designation	9 GKW C J
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/MOVIS_9GKW_C_J_3,6-6KV

MOVIS 9 GKW C J Flex

These cables are intended for flexible use in rail vehicles, for use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

MOVIS 9 GKW C J Flex	
Brand	MOVIS
Type designation	9 GKW C J Flex
Standard	DIN EN 50264-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

MOVIS MVB

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS MVB	
Brand	MOVIS
Type designation	MVB
Standard	DIN EN 50264-1 IEC 61375-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Polypropylene (foam-skin)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	max. 300 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	–
Short circuit temperature	–

MOVIS WTB

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS WTB	
Brand	MOVIS
Type designation	WTB
Standard	DIN EN 50264-1 IEC 61375-2-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Polypropylene (foam-skin)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	max. 300 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	–
Short circuit temperature	–

MOVIS CAT 5e

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS CAT 5e	
Brand	MOVIS
Type designation	CAT 5e
Standard	DIN EN 50264-1 DIN EN 50288-2-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Polypropylene (foam-skin)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	max. 300 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	–
Short circuit temperature	–

MOVIS CAT 5/7

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

MOVIS CAT 5/7	
Brand	MOVIS
Type designation	CAT 5/7
Standard	DIN EN 50264-1 DIN EN 50288-2-2/-4-2 IEC 61156-6 DIN EN 45545 HL3”
Conductor	Copper, tinned, finely stranded class 5
Insulation	Polypropylene (foam-skin)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	max. 300 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	–
Short circuit temperature	–

MOVIS Jumper UIC 541-5

These cables are intended for fixed or flexible installation, especially between carriages in rolling stock.

MOVIS Jumper UIC 541-5	
Brand	MOVIS
Type designation	UIC 541-5
Standard	DIN EN 50264-3-2 UIC 541-5 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 6
Insulation	Cross-Linked LSOH Polypropylene (foam-skin)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	–
Short circuit temperature	250 °C

MOVIS Jumper UIC 558

These cables are intended for fixed or flexible installation, especially between carriages in rolling stock.

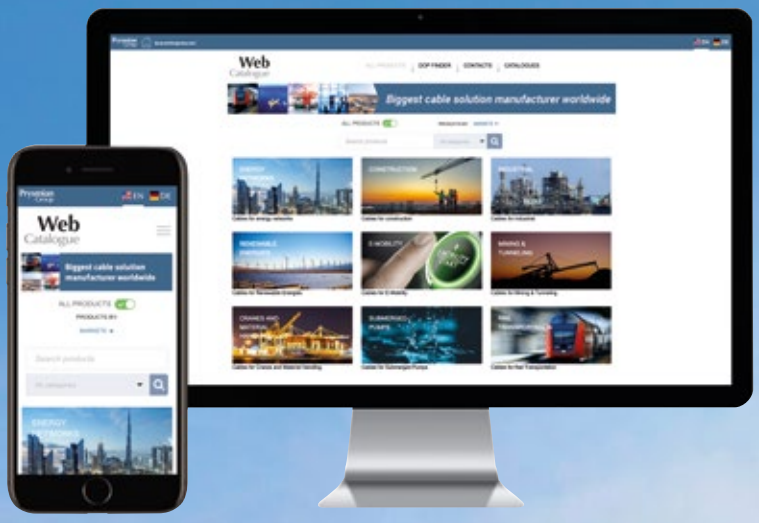
MOVIS Jumper UIC 558	
Brand	MOVIS
Type designation	UIC 588
Standard	DIN EN 50264-3-2 UIC 588 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 6
Insulation	Cross-Linked LSOH Polypropylene (foam-skin)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	max. 300 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	–
Short circuit temperature	–

The search is over!

Our product information is now very easy to find.

Product information **Search filters** **Cable comparison** **Data sheets** **DoP generator**

de-catalogue.prysmiangroup.com



SIENOPYR

SIENOPYR(120) HXSLHXOE 300 V FM

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) HXSLHXOE 300 V FM	
Brand	SIENOPYR(120)
Type designation	HXSLHXOE
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

SIENOPYR(120) HXSLCHXOE 300 V FM S

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) HXSLCHXOE 300 V FM S	
Brand	SIENOPYR(120)
Type designation	HXSLCHXOE
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	300/500 V
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

SIENOPYR(120) HXELHXOE 0.6/1 kV FM

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) HXELHXOE 0.6/1 kV FM	
Brand	SIENOPYR(120)
Type designation	HXELHXOE
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

SIENOPYR(120) HXELCHXOE 0.6/1 kV FM S

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) HXELCHXOE 0.6/1 kV FM S	
Brand	SIENOPYR(120)
Type designation	HXELCHXOE
Standard	DIN EN 50264-3-2 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

SIENOPYR(120) (N)HX4GAF 0.6/1 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) (N)HX4GAF 0.6/1 kV	
Brand	SIENOPYR(120)
Type designation	(N)HX4GAF
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	–
Nominal voltage	0.6/1 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/SIENOPYR(120)_(N)HX4GAF_0,6-1KV

SIENOPYR(120) (N)HX4GAF 1.8/3 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) (N)HX4GAF 1.8/3 kV	
Brand	SIENOPYR(120)
Type designation	(N)HX4GAF
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	–
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

SIENOPYR(120) (N)HXSGAFHXOE 1.8/3 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) (N)HXSGAFHXOE 1.8/3 kV	
Brand	SIENOPYR(120)
Type designation	(N)HXSGAFHXOE
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/SIENOPYR(120)_(N)HXSGAFHXOE_1,8-3KV

SIENOPYR(120) (N)HXSGAFCHXOE 1.8/3 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) (N)HXSGAFCHXOE 1.8/3 kV	
Brand	SIENOPYR(120)
Type designation	(N)HXSGAFCHXOE
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	1.8/3 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/SIENOPYR(120)_(N)HXSGAFCHXOE_1,8-3KV

SIENOPYR(120) (N)HXSGAFHXOE 3.6/6 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) (N)HXSGAFHXOE 3.6/6 kV	
Brand	SIENOPYR(120)
Type designation	(N)HXSGAFHXOE
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	–
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/SIENOPYR(120)_(N)HXSGAFHXOE_3,6-6KV

SIENOPYR(120) (N)HXSGAFCHXOE 3.6/6 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered.

SIENOPYR(120) (N)HXSGAFCHXOE 3.6/6 kV	
Brand	SIENOPYR(120)
Type designation	(N)HXSGAFCHXOE
Standard	DIN EN 50264-3-1 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/SIENOPYR(120)_(N)HXSGAFCHXOE_3,6-6KV

SIENOPYR(120) JUMPER (N)HXSGAFCHXOE 3.6/6 kV FM S

These cables are intended for flexible usage, especially between carriages in rolling stock.

SIENOPYR(120) (N)HXSGAFCHXOE 3.6/6 kV FM S	
Brand	SIENOPYR(120)
Type designation	(N)HXSGAFCHXOE
Standard	DIN EN 50264-3-1 UIC 552 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5+
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

SIENOPYR(120) JUMPER NSHXAFCMOE 3.6/6 kV FM S

These cables are intended for flexible usage, especially between carriages in rolling stock.

SIENOPYR(120) NSHXAFCMOE 3.6/6 kV FM S	
Brand	SIENOPYR(120)
Type designation	NSHXAFCMOE
Standard	DIN EN 50264-3-1 UIC 552; E DIN VDE 0250-606 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5+
Insulation	Cross-linked LSOH
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	3.6/6 kV
Laying temperature min.	–40 °C
Recommended operating temperature	90 °C
Max. operating temperature (20.000 hours)	120 °C
Short circuit temperature	250 °C

SIENOPYR(180) (N)HXSGAFHXOE 1.8/3 kV OM

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. For use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

SIENOPYR(180) (N)HXSGAFHXOE 1.8/3 kV OM	
Brand	SIENOPYR(180)
Type designation	(N)HXSGAFHXOE
Standard	DIN EN 50382 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Silicone Rubber (SIR)
Screen	–
Sheath	Silicone Rubber (SIR)
Nominal voltage	1.8/3 kV
Laying temperature min.	–50 °C
Recommended operating temperature	150 °C
Max. operating temperature (20.000 hours)	180 °C
Short circuit temperature	350 °C

SIENOPYR(180) (N)HXSGAFCHXOE 1.8/3 kV OM S

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. For use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

SIENOPYR(180) (N)HXSGAFCHXOE 1.8/3 kV OM S	
Brand	SIENOPYR(180)
Type designation	(N)HXSGAFCHXOE
Standard	DIN EN 50382 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Silicone Rubber (SIR)
Screen	Copper, tinned
Sheath	Silicone Rubber (SIR)
Nominal voltage	1.8/3 kV
Laying temperature min.	–50 °C
Recommended operating temperature	150 °C
Max. operating temperature (20.000 hours)	180 °C
Short circuit temperature	350 °C

SIENOPYR(180) (N)HXSGAFHXOE 3.6/6 kV OM

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. For use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

SIENOPYR(180) (N)HXSGAFHXOE 3.6/6 kV OM	
Brand	SIENOPYR(180)
Type designation	(N)HXSGAFHXOE
Standard	DIN EN 50382 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Silicone Rubber (SIR)
Screen	–
Sheath	Silicone Rubber (SIR)
Nominal voltage	3.6/6 kV
Laying temperature min.	–50 °C
Recommended operating temperature	150 °C
Max. operating temperature (20.000 hours)	180 °C
Short circuit temperature	350 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/SIENOPYR(180)_(N)HXSGAFHXOE_3,6-6KV_OM_150C

SIENOPYR(180) (N)HXSGAFCHXOE 3.6/6 kV OM S

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. For use both in- and outdoors, e.g. movable between carriages or between carriage floor and bogies.

SIENOPYR(180) (N)HXSGAFCHXOE 3.6/6 kV OM S	
Brand	SIENOPYR(180)
Type designation	(N)HXSGAFCHXOE
Standard	DIN EN 50382 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Silicone Rubber (SIR)
Screen	Copper, tinned
Sheath	Silicone Rubber (SIR)
Nominal voltage	3.6/6 kV
Laying temperature min.	–50 °C
Recommended operating temperature	150 °C
Max. operating temperature (20.000 hours)	180 °C
Short circuit temperature	350 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/SIENOPYR(180)_(N)HXSGAFCHXOE_3,6-6KV_OM_S_150C


FRECCIAROSSA
ROMA
AV 9627
12:00
IM ATTESA DEI TREN
ENDERE DAI TRENI IN MOVIMENTO - E'
TRENITALIA
Biglietti

TENAX / PROTOLON

TENAX-TRAIN-Plus (N)TMCOEU 26/45 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. For use both in- and outdoors.

TENAX-TRAIN-Plus (N)TMCOEU 26/45kV	
Brand	TENAX-TRAIN-Plus
Type designation	(N)TMCOEU
Standard	DIN VDE 0250-813 IEC 60840 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Hard grade Ethylene Propylene Rubber (HEPR)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	26/45 kV
Laying temperature min.	–40 °C
Max. operating temperature	90 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/TENAX-TRAIN-PLUS_(N)TMCWOEU_26-45KV

TENAX-TRAIN-Plus Jumper (N)TMCWOEU 26/45 kV

These screened cables are intended for use in railway rolling stock as flexible connection, they may be used both in- and outdoors, e.g. flexible between coaches.

TENAX-TRAIN-Plus Jumper (N)TMCWOEU 26/45kV	
Brand	TENAX-TRAIN-Plus
Type designation	Jumper (N)TMCWOEU
Standard	DIN VDE 0250-813 IEC 60840 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Hard grade Ethylene Propylene Rubber (HEPR)
Screen	Copper, tinned
Sheath	Ethylene Vinyl Acetate rubber (EVA)
Nominal voltage	26/45 kV
Laying temperature min.	–40 °C
Max. operating temperature	90 °C
Short circuit temperature	250 °C

Link Web catalogue:
https://de-catalogue.prysmiangroup.com/s/#/family/TENAX-TRAIN-PLUS_JUMPER_(N)TMCWOEU_BK_26-45KV

PROTOLON (HMK) (N)TMCGCHXOEUK 26/45 kV

These cables are indented for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. For use both in- and outdoors.

PROTOLON (HMK) (N)TMCGCHXOEUK 26/45kV	
Brand	TENAX-TRAIN-Plus
Type designation	(N)TMCGCHXOEUK
Standard	DIN VDE 0250-813 IEC 60840 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Hard grade Ethylene Propylene Rubber (HEPR)
Screen	Copper, tinned
Sheath	Cross-linked LSOH
Nominal voltage	26/45 kV
Laying temperature min.	–50 °C
Max. operating temperature	90 °C
Short circuit temperature	250 °C

PROTOLON (HMK) Jumper (N)TMCGCHXOEUK 26/45 kV

These screened cables are intended for use in railway rolling stock as flexible connection, they may be used both in- and outdoors, e.g. flexible between coaches.

PROTOLON (HMK) Jumper (N)TMCGCHXOEUK 26/45kV	
Brand	TENAX-TRAIN-Plus
Type designation	Jumper (N)TMCGCHXOEUK
Standard	DIN VDE 0250-813 IEC 60840 DIN EN 45545 HL3
Conductor	Copper, tinned, finely stranded class 5
Insulation	Hard grade Ethylene Propylene Rubber (HEPR)
Screen	Copper, tinned
Sheath	Cross-linked LSOH
Nominal voltage	26/45 kV
Laying temperature min.	–50 °C
Max. operating temperature	90 °C
Short circuit temperature	250 °C

Intact drums secure fully functional cables.

A cable is a valuable product and it is normally transported on a cable drum. The battens on the drum seem thick enough to remain unbroken, but with a cable weighing more than four tons, it becomes very vulnerable. If the handling is done correctly, the drum will protect the cable from transportation damages.

If the drum is damaged, the cable can also be damaged. And it might not be discovered until after installation, when repairs can be extremely expensive. Scan the QR-code below and learn how damages can be avoided by correct drum handling.

Drum handling brochure

www.prysmiangroup.de

Prysmian Group

Linking the Future

PRYSMIAN GROUP

Prysmian Kabel und Systeme GmbH
Phone: +49 (0) 30 3675 40

kontakt@prysmiangroup.com

prysmiangroup.de

Follow us