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TWO BRANDS. PASSION FOR INNOVA
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TOMORROW CABLE SOLUTIONS
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MINING & TUNNELING CABLES 矿用及隧道用电缆



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A brand of the

Prysmian
Group

关于我们 ABOUT US

普睿司曼电缆集团是世界级跨国公司。其前身是成立于1872年的比瑞利集团，并且两大核心业务-“能源电缆与系统”及“电信电缆与系统”在国际市场上都占有领先地位。

普睿司曼集团旗下拥有普睿司曼和特雷卡两大知名品牌，作为全球最大的电力和通信电缆制造商，在世界五大洲有89家生产厂家并覆盖50个国家，员工人数达19,000人。

普睿司曼集团提供全球解决方案，如电缆系统、系统设计及工程、项目管理、安装和售后服务。

普睿司曼集团致力于不断的产品创新，将重点放在研究和开发产品上，使自己一直处于竞争优势地位。所有这些成就都是通过普睿司曼自己的研发中心，与各个大学、科学院校与所有专业用户的合作取得的。普睿司曼全球机构为用户制定和提供先进的技术解决方案。

作为世界知名的普睿司曼集团的一部分，普睿司曼(天津)电缆有限公司生产范围较广的特殊电缆和电力电缆，并能够满足中国、欧洲、澳大利亚及其他国家或专业团体的要求。

Prysmian Group is a world-class multinational company. Founded in 1872 as Ditta Pirelli & C., it has achieved a leading position for more than a century of operations in its two key international markets – “Energy Cables and Systems” and “Telecom Cables & Systems” .

The Prysmian Group operates through two distinct commercial brands, Prysmian and Draka. With a presence in 50 countries, and with around 19,000 people and 89 plants, the Group is strongly positioned at the high-tech end of the energy and telecom cable sectors.

Prysmian Group is a global solutions provider, offering a wide range of integrated solutions, such as cable systems, system design and engineering, project management, installation and post-sale services.

Prysmian Group concentrates on continuous product innovation and on achieving a competitive edge by focusing on research and development. This is done through Prysmian’s own R&D centres and by co-operating with universities, scientific institutions and above all, our customers. Prysmian’s world-wide organization makes and delivers advanced technological solutions to customers anywhere in the world.

Prysmian Tianjin cables Co., Ltd. product portfolio is mainly concentrated in industry and special precision cables, which apply in renewable power, oil & gas, petrochemical, and extensive range demand the highest quality.



普睿司曼电缆系统是世界上技术最全面、最先进的电缆集成解决方案之一，可以满足工业、基础设施、承包商及用户的各种需求。

普睿司曼电缆集成解决方案适用于12种不同产品范围。每一产品大类都为下列领域提供用户化及更加经济以满足更多功能需求的增值方案，如：

Prysmian cable systems integrated cabling solutions™ is one of the world’s most comprehensive and technologically advanced answers to industry, infrastructure, contractors and OEM’s specific requirements. Prysmian integrated cabling solutions are designed and structured into twelve different product lines. Each of these offer tailored designs and added value solutions to the most diverse functional and environmental requirements in the following fields:

- | | |
|----------------------|---------------------------------|
| ●铁路 | ●工厂和石油化工 |
| ●起重和移动设备 | ●运输基础设施 |
| ●船舶 | ●矿用和隧道 |
| ●电子机械 | ●建筑与土建工程 |
| ●石油和天然气 | ●国防 |
| ●数据和通讯 | ●发电厂 |
| ●Trains | ●Cranes & Mobile Equipments |
| ●Marine | ●Electro-Mechanical |
| ●Oil & Gas | ●Data & Communication |
| ●Plant & Petrochem | ●Transportation Infrastructures |
| ●Mining & Tunnelling | ●Building & Civil Engineering |
| ●Defence | ●Power Plants |

To find out more about Prysmian Cables and Systems invites you to visit the web site: www.prysmiangroup.com.cn

矿用和隧道用电缆应用范围

Application Systems

●=强烈推荐;
Main application
○=适用于;
Suitable
X=不适于
Not suitable

电缆类型 Cable type	电缆用途 Application	使用方式 Usage				
		采煤机电缆 【链保护操作】 Coal cutter Cable (Protection Chain)	采煤机电缆 【井下拖曳操作】 Coal Cutter Cable (Trailing Underground)	电铲/索斗铲电缆 【拖曳操作】 Excavators/Draglines (Trailing Operation)	【卷收操作】 Cylindrical (Reeling Drum)	传送带 【固定安装】 Belt Conveyors (Fixed Installation)
TEMK-MC	采煤机或类似设备用软电缆。 Flexible power connection for Coal Cutter and similar equipment.	●	●	X	X	○
TEMK-MCP	采煤机或类似设备用屏蔽软电缆。 Screened flexible power connection for Coal Cutter and similar equipment.	●	●	X	X	○
TEMK-MCPJB	采煤机或类似设备用屏蔽监视加强型软电缆。 Screened, monitored, reinforced flexible power connection for Coal Cutter and similar equipment.	○	●	○	X	○
TEMK-MCPJR	采煤机或类似设备用屏蔽监视加强型软电缆。 Screened, monitored, reinforced flexible power connection for Coal Cutter and similar equipment.	●	X	X	X	○
TEMK-MCPTJ TEMK-MCPT	采煤机或类似设备用金属屏蔽软电缆。 Metallic screened flexible power connection for Mining Machine and similar.	○	X	X	X	○
TEMK-MY	各种移动矿用机械用软电缆。 Flexible power connection for various moveable Coal Mining Machines.	X	X	X	X	○
TEMK-MYP	各种移动矿用机械用软电缆。 Flexible screened power connection for various moveable Coal Mining Machines.	X	X	X	X	○
TEMK-MYPTJ	煤矿变压器连接用屏蔽监视型软电缆。 Flexible screened, monitored power connection to Transformers in Coal Mines.	X	X	X	X	○
TEMK-MYP TEMK-MYPT	移动矿用机械用屏蔽软电缆。 Flexible screened power connection to movable Coal Mine machine.	○	○	X	X	○
TEMK TD/HDGC3-C	重载移动式动力电缆的使用环境不得超过其等级分类电压。这类电缆用于大型移动设备，例如吊斗铲、电铲、钻机和动力电源线，建议导线最大允许联系工作温度为90℃。 Heavy duty portable power cable for use in circuits not exceeding 10kV. Desinger for application such as shovels, dredges, drills and power connection. Recommended maximum continuous conductor temperature is 90℃.	X	X	○	X	X
(N)SHTOEU-J	重载型橡胶绝缘卷筒电缆用于控制和供电。用于高机械应力，特别地同时具有拉力和扭转应力的应用场合。适用于电机驱动的螺旋卷筒，弹簧控制卷筒和升降系统，特别适用于露天矿或非井下矿的场合的矿运输车、钻机卷筒应用。 Heavy duty rubber cable was developed for use in open pit mines for operation under difficult requirements in the ambit of DIN VDE standard: Erection of electrical installations and control system in open-cast mines, quarries and similar plants. These flexible cables are used for high mechanical load, in dry and damp areas,out doors and for power supply to motors and other mobile equipment in industry. Suitable for single spiral reel of motor drive, spring roll control and lifting system. Especially suitable for reeling application of scoop and drilling machine for surface and non-coal underground mines.	X	X	X	○	X
CU/EPR/TPU	重载型橡胶绝缘卷筒电缆用于控制和供电。用于高机械应力，特别地同时具有拉力和扭转应力的应用场合。适用于电机驱动的螺旋卷筒，弹簧控制卷筒和升降系统，特别适用于露天矿或非井下矿的场合的矿运输车、钻机卷筒应用。 Used for high mechanical stress, particular application of strain and torsion stress. Suitable for single spiral reel of motor drive, spring roll control and lifting system. Especially suitable for reeling application of scoop and drilling machine of outdoor mining and underground mining.	X	X	X	○	X
TEMK TUNC	应用与矿下，或者盾构系统中设备的卷筒上使用，或连接卷筒电缆固定敷设使用。 The cables are suitable for use as reeling power supply cables for tunnel boring machines (TBM) in underground mines and for tunnel construction sites.	X	X	X	●	○
TEHF FLEX	应用与矿下，或者盾构系统中设备的卷筒上使用，或连接卷筒电缆固定敷设使用。 The cables are suitable for use as reeling power supply cables for tunnel boring machines (TBM) in underground mines and for tunnel construction sites.	X	X	X	●	○

extreme duty.miniaturised.safety

MINING & TUNNELING CABLES

品质保证 Quality Commitment

普睿司曼集团内设有从生产工艺到电缆设计、从原材料采购到最终检验和试验证书的多级质量保证体系。

Lloyd质量保证组织根据ISO 9001和ISO 14001质量体系标准评定并通过了普睿司曼质量控制体系，并进行定期复审。并拥有矿用产品安全标志证书。

Prysmian has a built in multi-step quality assurance program, covering the production process from cable design and raw material purchasing to final inspection and testing documentation.
The Prysmian quality control system has been assessed and approved and is audited regularly by Lloyd's Register of Quality Assurance, to ISO 9001 and ISO 14001 Quality System Standards and have Safety certificate of approval for mining products.



项目业绩 References

中国 China	兖州煤矿 平頂山煤矿 神华集团 淮南煤矿 平陽煤矿 上海隧道工程有限公司 Shanghai Tunnel Engineering Co., Ltd 武汉重型机床集团有限公司 Wuhan Heavy Duty Machine Tool Group Corporation 中国铁建重工集团有限公司 China Railway Construction Heavy Industry Group Co., Ltd. 海瑞克隧道设备有限公司 Herrenknecht Tunneling Equipment Co., Ltd	Yanzhou Mine Ping Ding Shan Mine Shenhua Mine Huai Nan Mine Ping Yang Mine	中煤集团 China National coal group 太钢集团 Taiyuan Iron and Steel Group 五矿集团 China Minmetals Corporation 北方铜业 Northern Copper 中铝集团 Aluminum corporation of China 山特维克集团 Sandvik Group 烟台兴业机械股份有限公司 Yantai Xingye Machinery Co., Ltd.
欧洲 Europe	Belchatow Deutsche Solvay Deutsche Steinkohle AG RJB Mining Scottish Coal Turow		波兰 Poland 德国 Germany 德国 Germany 英国 UK 英国 UK 波兰 Poland
美洲 America	Atacocha Codelco Glencor Mimosa Radomiro Tomic Volcan		秘鲁 Peru 智利 Chile 秘鲁 Peru 墨西哥 Mexico 智利 Chile 秘鲁 Peru
亚洲 Asia	Bukit Assam Lampang Mae Moh Neyveli OT mining and TT mining		印度尼西亚 Indonesia 泰国 Thailand 泰国 India 印度 Indonesia 蒙古国 Mongolia
非洲/中东 Africa/Middle East	Ashanti Goldfields Gecamine Gencor Jordan Phosphate OCP BHP		加纳 Ghana 扎伊尔 Zaire 南非 South Africa 约旦 Jordan 摩洛哥 Morocco 澳大利亚 Australia
澳洲 Australia			

用途 Application

露天开采和地下采煤要求所用设备的性能不断增加和更多开采方法。由此，我们今天正在使用的大型设备应运而生。现在安装一台功率为15兆瓦、电压最高达35kV的铲运机和挖掘机已经是一件很寻常的事情。巨型采煤机在井下煤层工作时更需要重载荷及安全的柔性供电电缆。

就矿用及隧道用电缆而言，对机械强度和安全性能的特别要求需要使用高等级的橡胶。多年来，普睿司曼已开发出众多核心技术以满足露天开采和地下采矿的特殊条件。其决定因素来自于同大型采矿公司的紧密合作。

Open cast and underground mining requires ever-increasing performance of machines and methods. This has led to the large machines in use today. On bucket wheel and dragline excavators for instance, installed power of more than 15 MW and voltages up to 35 kV are no longer unusual. These large movable machines require medium voltage flexible reeling and trailing cables for power supply and are suitable for operation under the most extreme conditions.

Prysmian Group has developed extensive know-how over many years about the special operational conditions of opencast and underground mining. The decisive factor was close cooperation with many significant mining companies.

优势 Benefits

1.独一无二的机械性能

Technergy™矿用和隧道用电缆是专门针对重载荷使用而设计的，如：

- 拉伸负载。
- 电缆导向系统发生偏离及放电缆时倾斜产生的扭转应力。
- 在任何环境温度范围下和应力条件下的最小弯曲半径。
- 高移动速度及加速度。

※Unique Mechanical Performance
Technergy™ Mining and Tunnelling cables have been designed to withstand extreme conditions in terms of:

- Tensile loads
- Torsional stresses occurring during misalignment of cable guidance systems and oblique pay out
- Minimum bending radius at any ambient temperature range and stress conditions
- High travel speeds and acceleration.

2.耐化学和耐候性

Technergy™矿用和隧道用电缆是专门针对抵抗多重恶劣条件而设计的。为此，普睿司曼开发了SEVEREX高性能混合橡胶。SEVEREX高性能混合橡胶应用在Technergy™矿用和隧道用电缆是以保证电缆耐重载性能（如：高速、油和燃料，泥、潮湿及酸），以及耐严酷环境性能（如：极低/极高温，紫外线射线和臭氧）。

※Chemical and Climate Resistance
Technergy™ Mining and Tunnelling cables have been designed to withstand the most severe conditions. For these applications Prysmian Group has developed the SEVEREX high performance compounds.

SEVEREX compounds are used in Technergy™ Mining and Tunnelling cables to guarantee resistance to extreme conditions (such as high-speed, oil and fuel, mud, moisture, and acids and basis), as well as to harsh environments (for instance, extreme low/hot temperature, UV irradiation and ozone).

3.小型化

Technergy™矿用和隧道用电缆能提供最小的尺寸。如在中压电线上。

※Miniaturized
Technergy™ Mining and Tunnelling cables have the smallest possible dimensions. For instance, in MV cables:

- 尺寸：可减小30%，并符合现行标准。
- 重量：良好的电缆性能允许电缆的重量可降低40%。
- 高耐用性：在耐磨损，穿透和重复弯曲性能上，其较高的抗机械/物理性能均超过标准要求。

• Dimension: up to 30% less and yet in strict compliance with the existing standards.
• Weight: higher cable performance allow up to a 40% reduction in the cable weight.
• Robustness: higher physical/mechanical resistance, exceeding standard requirements in terms of abrasion, cut-through and repeated bending.

4.用户化和多功能工程服务

普睿司曼能够根据每一个用户的需求进行配方设计并生产电缆。产品覆盖所有功能（中压/低压，仪表用电缆、控制电缆与光纤电缆）。这样，从最简单到最复杂的多功能电缆，普睿司曼都可以进行设计。

※Customized and Multifunctional Engineering
Prysmian Group designs, compounds and builds cables according to specific customer needs.
This allows us to have an exhaustive product range covering all functionalities (MV/LV, Instrumentation and Control, Optical fibres). Prysmian Group designs multifunctional cables from the simplest to the most sophisticated.

5.较长使用寿命

与标准和传统矿用与隧道用电缆相比，Technergy™矿用与隧道用电缆保证更长的使用寿命（低故障率）。用户的总成本因此而降低。

※Longer Lifetime
Technergy™ Mining and Tunnelling cables guarantee an extended working lifetime (lower failure rate) in comparison with standard and traditional mining and tunneling cables. As a consequence the total cost of ownership is lower.

6.库存保障

Technergy™矿用与隧道用电缆有现货备存并能随时交货。拥有80多个库存单位。这样确保了缩短运输时间并减少了最终用户的储运成本。

※Stock Availability
Technergy™ Mining and Tunnelling cables are immediately available and deliverable. There are more than 80 stock-keeping units. This ensures short lead times and a reduction of logistics costs for the end-user.

电缆型号及额定电压 3.6/6kV TEMK TUNC One Core (含卤)

执行标准 VDE 0250-813

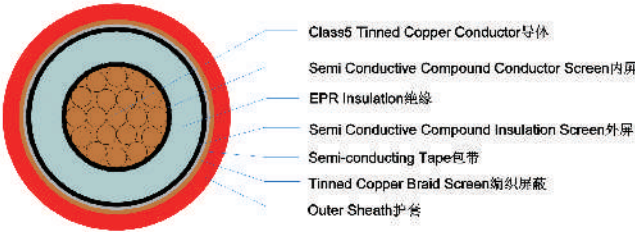
名称 中压卷筒电缆

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 3.6/6kV TEMK TUNC One Core (Halogen)

Standard VDE 0250-813

Application Suitable for high mechanical stresses in conjunction with mono-spiral reels and cylindrical reels.



Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
1X35	7.5	24.9±3	1062	0.565	234	5.01
1X50	9.1	26.5±3	1283	0.393	294	7.15
1X70	10.8	28.2±3	1544	0.277	360	10.01
1X95	12.5	29.9±3	1798	0.210	434	13.59
1X120	14.3	31.7±3	2137	0.164	505	17.16
1X150	16.1	33.9±3	2579	0.132	582	21.45
1X185	17.5	35.3±3	2941	0.108	664	26.46
1X240	19.9	37.7±3	3589	0.0817	782	34.32
1X300	23.5	41.3±3	4359	0.0654	898	42.9

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining&Tunnelling Cables

电缆型号及额定电压 6/10kV TEMK TUNC 1 Core (含卤)

执行标准 VDE 0250-813

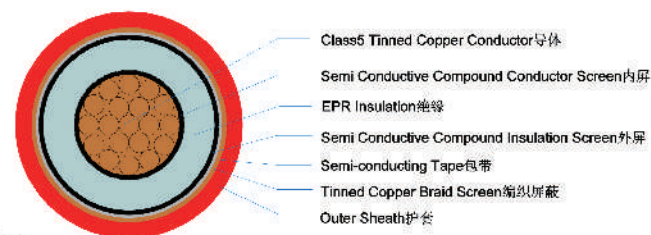
名称 中压卷筒电缆

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 6/10kV TEMK TUNC 1 Core (Halogen)

Standard VDE 0250-813

Application Suitable for high mechanical stresses in conjunction with mono-spiral reels and cylindrical reels.



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1X185	17.5	36.2±3	3004	0.108	664	26.46
1X240	19.9	38.5±3	3655	0.0817	782	34.32
1X300	23.5	42.2±3	4433	0.0654	898	42.9

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining&Tunnelling Cables

电缆型号及额定电压 8.7/15kV TEMK TUNC OneCore (含卤)

执行标准 VDE 0250-813

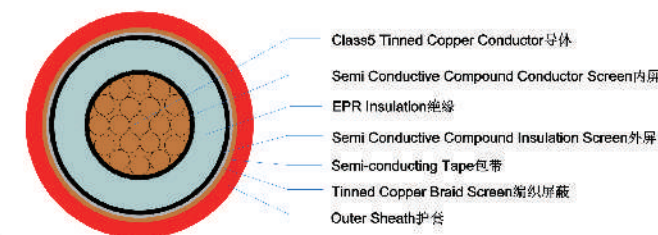
名称 中压卷筒电缆

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 8.7/15kV TEMK TUNC One Core (Halogen)

Standard VDE 0250-813

Application Suitable for high mechanical stresses in conjunction with mono-spiral reels and cylindrical reels.



Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
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1X240	19.9	40.9±3	3885	0.0817	782	34.32
1X300	23.5	44.5±3	4638	0.0654	898	42.9

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining&Tunnelling Cables

电缆型号及额定电压 12–20kV TEMK TUNC One Core (含卤)

执行标准 VDE 0250–813

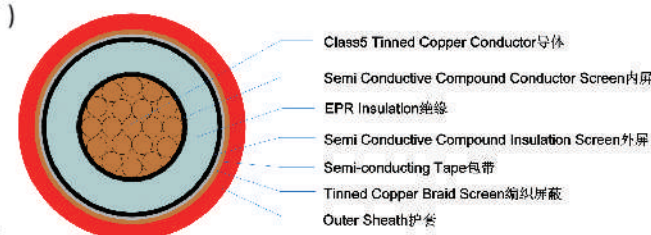
名称 中压卷筒电缆

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 12–20kV TEMK TUNC One Core (Halogen)

Standard VDE 0250–813

Application Suitable for high mechanical stresses in conjunction with mono–spiral reels and cylindrical reels.



Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
1X35	7.5	30.2±3	1406	0.565	234	5.01
1X50	9.1	31.8±3	1650	0.393	294	7.15
1X70	10.8	33.5±3	1913	0.277	360	10.01
1X95	12.5	35.1±3	2199	0.210	434	13.59
1X120	14.3	37.0±3	2535	0.164	505	17.16
1X150	16.1	39.2±3	3018	0.132	582	21.45
1X185	17.5	40.2±3	3254	0.108	664	26.46
1X240	19.9	43.0±3	4068	0.0817	782	34.32
1X300	23.5	46.6±3	4874	0.0654	898	42.9

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining&Tunnelling Cables

电缆型号及额定电压 6/10KV TEMK TUNC 3core (含卤)

执行标准 VDE 0250–813

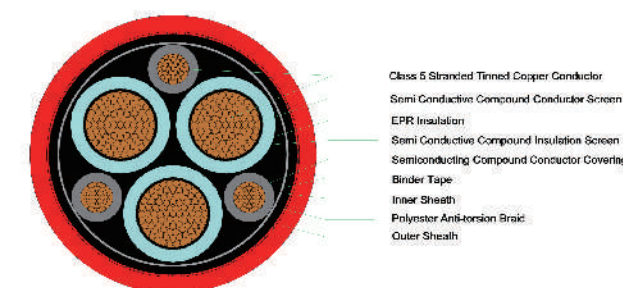
名称 中压卷筒电缆

应用 盾构机系统或矿用系统等卷盘或固定敷设使用。

Cable type 6/10KV TEMK TUNC 3core (Halogen)

Standard VDE 0250–813

Application Suitable for high mechanical stresses in conjunction with mono–spiral reels and cylindrical reels



Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
3X35+3X25/3	8.0	52.2±3	3899	0.565	162	5.01
3X50+3X25/3	9.5	57.0±3	4762	0.393	202	7.15
3X70+3X35/3	11.0	60.2±3	5719	0.277	250	10.01
3X95+3X50/3	12.5	63.5±3	6448	0.210	301	13.6
3X120+3X70/3	14.0	68.5±3	8057	0.164	352	17.16
3X150+3X70/3	15.8	72.4±3	9118	0.132	404	21.45
3X185+3X95/3	17.5	76.1±3	10592	0.108	462	26.46

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining&Tunnelling Cables

电缆型号及额定电压 8.7/15kV TEMK TUNC 3Core (含卤)

执行标准 VDE 0250-813

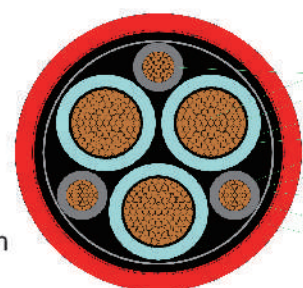
名称 中压卷筒电缆

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 8.7/15kV TEMK TUNC 3Core (Halogen)

Standard VDE 0250-813

Application Suitable for high mechanical stresses in conjunction with mono-spiral reels and cylindrical reels.



Class 5 Stranded Tinned Copper Conductor
Semi Conductive Compound Conductor Screen
EPR Insulation
Semi Conductive Compound Insulation Screen
Semi-conducting Compound Conductor Covering
Binder Tape
Inner Sheath
Polyester Anti-torsion Braid
Outer Sheath

Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
3X35+3X25/3	8.0	58.7±3	4582	0.565	172	5.01
3X50+3X25/3	9.5	62.0±3	5247	0.393	215	7.15
3X70+3X35/3	11.0	65.2±3	6231	0.277	265	10.01
3X95+3X50/3	12.5	70.3±3	7329	0.210	319	13.6
3X120+3X70/3	14.0	73.5±3	8632	0.164	371	17.16
3X150+3X70/3	15.8	77.4±3	9715	0.132	428	21.45
3X185+3X95/3	17.5	82.9±3	11622	0.108	488	26.46
3X240+3X120/3	19.8	89.8±3	14439	0.0817	575	34.32

固定安装弯曲半径6D, 移动安装弯曲半径10D

Mining&Tunnelling Cables

电缆型号及额定电压 12-20kV TEMK TUNC 3 CORE (含卤)

执行标准 VDE 0250-813

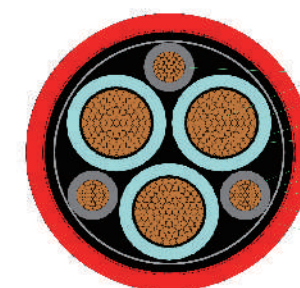
名称 中压卷筒电缆

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 12-20kV TEMK TUNC 3 CORE (Halogen)

Standard VDE 0250-813

Application Suitable for high mechanical stresses in conjunction with mono-spiral reels and cylindrical reels.



Class 5 Stranded Tinned Copper Conductor
Semi Conductive Compound Conductor Screen
EPR Insulation
Semi Conductive Compound Insulation Screen
Semi-conducting Compound Conductor Covering
Binder Tape
Inner Sheath
Polyester Anti-torsion Braid
Outer Sheath

Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
3X35+3X25/3	8.0	63.3±3	5031	0.565	172	5.01
3X50+3X25/3	9.5	68.4±3	6061	0.393	215	7.15
3X70+3X35/3	11.0	71.6±3	7077	0.277	265	10.01
3X95+3X50/3	12.5	74.8±3	7861	0.210	319	13.6
3X120+3X70/3	14.0	79.9±3	9574	0.164	371	17.16
3X150+3X70/3	15.8	83.8±3	10699	0.132	428	21.45
3X185+3X95/3	17.5	87.4±3	12246	0.108	488	26.46

固定安装弯曲半径6D, 移动安装弯曲半径10D

Mining&Tunnelling Cables

电缆型号及额定电压 6/10kV TEHF FLEX 3 Core (无卤)

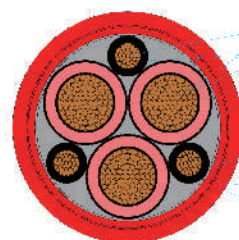
执行标准 VDE 0250-813

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 6/10kV TEHF FLEX 3 Core (Halogen free)

Standard VDE 0250-813

Application Suitable for high mechanical stresses in conjunction with mono-spiral reels and cylindrical reels.



Class 5 Plain Tinned Copper Conductor 5次绞合铜导体
Semi-Conductive Compound Conductor Screen (Black) 内屏蔽
EPDM Insulation (SALOMON) 绝缘
Semi-Conductive Compound Insulation Screen (Black) 外屏蔽
Binder Tape 4层
TPU Inner Sheath (RED) 聚氨酯内护套
Twisted Protection Cable 绞合
TPU Outer Sheath (RED) 聚氨酯外护套

Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
3X35+3X25/3	8.0	52.2±3	3612	0.565	172	5.01
3X50+3X25/3	9.5	57.0±3	4453	0.393	215	7.15
3X70+3X35/3	11.0	60.2±3	5419	0.277	265	10.01
3X95+3X50/3	12.5	63.5±3	6215	0.210	319	13.6
3X120+3X70/3	14.0	68.5±3	7650	0.164	371	17.16
3X150+3X70/3	15.8	72.4±3	8781	0.132	428	21.45
3X185+3X95/3	17.5	76.1±3	10262	0.108	488	26.46

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining & Tunnelling Cables

电缆型号及额定电压 8.7/15kV TEHF FLEX 3 Core (无卤)

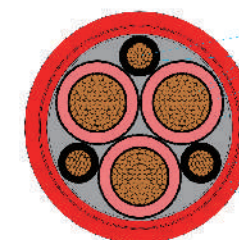
执行标准 VDE 0250-813

应用 盾构机系统或矿用系统等卷盘或固定敷设使用

Cable type 8.7/15kV TEHF FLEX 3 Core (Halogen free)

Standard VDE 0250-813

Application Suitable for high mechanical stresses in conjunction with mono-spiral reels and cylindrical reels.



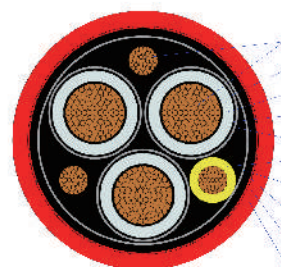
Class 5 Plain Tinned Copper Conductor 5次绞合铜导体
Semi-Conductive Compound Conductor Screen (Black) 内屏蔽
EPDM Insulation (SALOMON) 绝缘
Semi-Conductive Compound Insulation Screen (Black) 外屏蔽
Binder Tape 4层
TPU Inner Sheath (RED) 聚氨酯内护套
Twisted Protection Cable 绞合
TPU Outer Sheath (RED) 聚氨酯外护套

Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
3X35+3X25/3	8.0	58.7±3	4296	0.565	172	5.01
3X50+3X25/3	9.5	62.0±3	5017	0.393	215	7.15
3X70+3X35/3	11.0	65.2±3	6006	0.277	265	10.01
3X95+3X50/3	12.5	70.3±3	7068	0.210	319	13.6
3X120+3X70/3	14.0	73.5±3	8318	0.164	371	17.16
3X150+3X70/3	15.8	77.4±3	9492	0.132	428	21.45
3X185+3X95/3	17.5	82.9±3	11282	0.108	488	26.46

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining & Tunnelling Cables

电缆型号及额定电压 TEMK TD-HDGC3-C 6/10KV (含卤)
执行标准 IECA-S-75-381、VDE 0250-813、C22.2 No.96-13
应用 矿用拖拽或固定敷设使用
Cable type TEMK TD-HDGC3-C 6/10KV (5GM5 halogen)
Standard IECA-S-75-381、VDE 0250-813、C22.2 No.96-13
Application Suitable for mining trailing use and fixed application

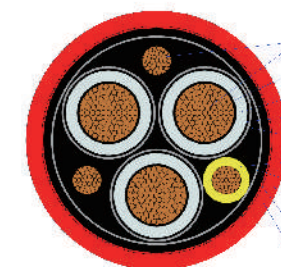


Class 5 Plain Tinned Copper Conductor
 Semi Conductive Compound Conductor Screen
 EPR Insulation
 Semi Conductive Tape Screen
 Mix Braid Screen
 EPR Insulation
 Binder Tape
 Inner Sheath
 Textile Protection
 Outer Sheath

Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
3X35+2X16+1X10	8.0	55.4±3	4980	0.565	177	5.01
3X50+2X25+1X10	9.5	59.2±3	5974	0.393	214	7.15
3X70+2X35+1X10	11.0	63.3±3	7215	0.277	250	10.01
3X95+2X35+1X10	12.5	66.5±3	8080	0.210	301	13.53
3X120+2X50+1X16	14.0	70.4±3	9600	0.164	372	17.16

固定安装弯曲半径6D，移动安装弯曲半径10D

电缆型号及额定电压 TEMK TD-HDGC3-C 6/10KV (无卤)
执行标准 IECA-S-75-381、VDE 0250-813、C22.2 No.96-13
应用 矿用拖拽或固定敷设使用
Cable type TEMK TD-HDGC3-C 6/10KV (TPU Halogen free)
Standard IECA-S-75-381、VDE 0250-813、C22.2 No.96-13
Application Suitable for mining trailing use and fixed application



Class 5 Plain Tinned Copper Conductor
 Semi Conductive Compound Conductor Screen
 EPR Insulation
 Semi Conductive Tape Screen
 Mix Braid Screen
 EPR Insulation
 Binder Tape
 Inner Sheath
 Textile Protection
 Outer Sheath

Spec 规格	Normal Conductor diameter 导体外径 mm	Outer diameter range 成品外径 mm	Weight 电缆重量 kg/km	DC resistance at 20°C 直流电阻 max. Ω/km	Current carrying capacity 30°C 载流量 A	Short Circuit Current (conductor) 导体短路容量 kA
3X35+2X16+1X10	8.0	54.1±3	4083	0.565	177	5.01
3X50+2X25+1X10	9.5	58.1±3	4996	0.393	214	7.15
3X70+2X35+1X10	11.0	62.1±3	6106	0.277	250	10.01
3X95+2X35+1X10	12.5	65.4±3	6875	0.210	301	13.53
3X120+2X50+1X16	14.0	69.5±3	8308	0.164	372	17.16

固定安装弯曲半径6D，移动安装弯曲半径10D

Mining&Tunnelling Cables

Mining&Tunnelling Cables

电缆型号及额定电压 MC-0.38/0.66kV

执行标准 MT 818.2-2009 

名称 采煤机橡胶套软电缆

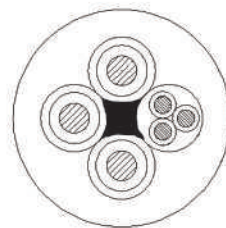
应用 额定电压0.38/0.66kV采煤机及类似设备的电源连接

Cable Type MC-0.38/0.66kV

Standard MT 818.2-2009

Name flexible rubber cable for coal cutter

Application Power supply of 0.38/0.66kV coal cutter and similar equipments.



MC-0.38/0.66kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×16	1×4	1.6	4.5	29.5	34.5	1.2	1660.0	85.0	2.3	350	0.78
3×25	1×6	1.8	5.5	36.0	41.0	0.78	2480.0	110	3.6	300	1.22
3×35	1×6	1.8	5.5	39.0	45.0	0.554	3166.0	135	5.0	250	1.67
3×50	1×10	2.0	5.5	44.0	50.5	0.386	4187.0	170	7.2	250	2.40
3×70	1×16	2.0	6.0	50.0	57.5	0.272	5995.0	205	10.0	200	3.39
3×95	1×25	2.2	6.0	56.0	63.5	0.206	7620.0	250	13.6	200	4.65
3×120	1×25	2.4	6.0	60.5	68.5	0.161	9406.0	295	17.2	200	5.78

电缆型号及额定电压 MCP-0.38/0.66kV

执行标准 MT 818.2-2009 

名称 采煤机屏蔽橡胶套软电缆

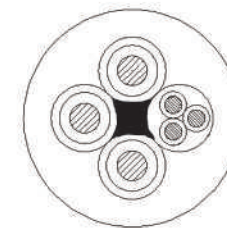
应用 额定电压0.38/0.66kV采煤机及类似设备的电源连接

Cable Type MCP-0.38/0.66kV

Standard MT 818.2-2009

Name screen flexible rubber cable for coal cutter

Application Power supply of 0.38/0.66kV coal cutter and similar equipments.



MCP-0.38/0.66kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×16	1×4	1.6	4.5	33.0	38.0	1.2	1742.0	85.0	2.3	350	0.78
3×25	1×6	1.8	5.5	39.0	45.0	0.78	2561.0	110	3.6	300	1.22
3×35	1×6	1.8	5.5	42.5	48.5	0.554	3326.0	135	5.0	250	1.67
3×50	1×10	2.0	5.5	47.5	54.5	0.386	4361.0	170	7.2	250	2.40
3×70	1×16	2.0	6.0	53.0	60.5	0.272	6032.0	205	10.0	200	3.39
3×95	1×25	2.2	6.0	59.5	67.0	0.206	7630.0	250	13.6	200	4.65
3×120	1×25	2.4	6.0	63.5	72.0	0.161	9426.0	295	17.2	200	5.78

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MCP-0.66/1.14kV (A型)

执行标准 MT 818.2-2009 

名称 采煤机屏蔽橡胶套软电缆

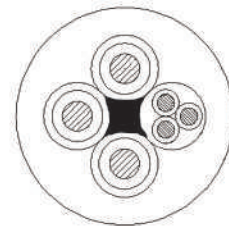
应用 额定电压0.66/1.14kV采煤机及类似设备的电源连接

Cable Type MCP-0.66/1.14kV (Type A)

Standard MT 818.2-2009

Name screen flexible rubber cable for coal cutter

Application Power supply of 0.66/1.14kV coal cutter and similar equipments.



MCP-0.66/1.14kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3 × 25	1 × 6	2.0	6.0	41.0	47.0	0.78	2900.0	110	3.6	300	1.22
3 × 35	1 × 6	2.0	6.0	44.0	51.0	0.554	3520.0	135	5.0	250	1.67
3 × 50	1 × 10	2.2	7.0	51.5	59.0	0.386	4866.0	170	7.2	250	2.40
3 × 70	1 × 16	2.2	7.0	56.0	63.5	0.272	6232.0	205	10.0	200	3.39
3 × 95	1 × 25	2.4	7.0	62.0	70.5	0.206	7832.0	250	13.6	200	4.65
3 × 120	1 × 25	2.6	7.0	66.5	75.5	0.161	9625.0	295	17.2	200	5.78
3 × 150	1 × 35	2.6	7.0	71.5	80.5	0.129	11600.0	320	21.5	180	7.28

电缆型号及额定电压 MCP-0.66/1.14kV (B型)

执行标准 MT 818.2-2009 

名称 采煤机屏蔽橡胶套软电缆

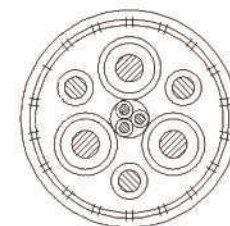
应用 额定电压0.66/1.14kV采煤机及类似设备的电源连接

Cable Type MCP-0.66/1.14kV (Type B)

Standard MT 818.2-2009

Name screen flexible rubber cable for coal cutter

Application Power supply of 0.66/1.14kV coal cutter and similar equipments



MCP-0.66/1.14kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3 × 35	3 × 10/3	2.0	7.0	53.0	58.5	0.554	4010.0	135	5.0	250	1.73
3 × 50	3 × 16/3	2.2	7.5	60.0	67.0	0.386	5346.0	170	7.2	250	2.49
3 × 70	3 × 25/3	2.2	7.5	65.0	72.0	0.272	6702.0	205	10.0	200	3.53
3 × 95	3 × 25/3	2.4	7.5	70.0	73.0	0.206	8300.0	250	13.6	200	4.65
3 × 120	3 × 35/3	2.6	7.5	75.0	82.0	0.161	10425.0	295	17.2	200	5.93
3 × 150	3 × 50/3	2.6	7.5	77.5	86.0	0.129	12650.0	320	21.5	180	7.50

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MCP-1.9/3.3kV (A型)

执行标准 MT 818.2-2009 

名称 采煤机屏蔽橡胶套软电缆

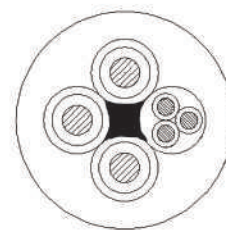
应用 额定电压1.9/3.3kV采煤机及类似设备的电源连接

Cable Type MCP-1.9/3.3kV (Type A)

Standard MT 818.2-2009

Name screen flexible rubber cable for coal cutter

Application Power supply of 1.9/3.3kV coal cutter and similar equipments.



MCP-1.9/3.3kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于 (Ω/km)	最大估重 (kg/km)	25°C时载流量 (A)	短路电流 (kA)	绝缘电阻最小值 (MΩ·km)	允许最大张力 (kN)
3 × 25	1 × 10	2.8	6.0	44.5	51.0	0.78	2980.0	110	3.6	450	1.28
3 × 35	1 × 10	2.8	6.0	48.0	54.5	0.554	3873.0	135	5.0	400	1.73
3 × 50	1 × 16	2.8	7.0	54.0	61.5	0.386	4870.0	170	7.2	350	2.49
3 × 70	1 × 25	3.0	7.0	60.0	67.0	0.272	6035.0	205	10.0	300	3.53
3 × 95	1 × 25	3.0	7.0	65.0	72.5	0.206	7416.0	250	13.6	250	4.65
3 × 120	1 × 35	3.2	7.0	69.5	77.5	0.161	10614.0	295	17.2	250	5.93
3 × 150	1 × 35	3.2	7.0	74.0	82.5	0.129	11300.0	320	21.5	250	7.28

电缆型号及额定电压 MCP-1.9/3.3kV (B型)

执行标准 MT 818.2-2009 

名称 采煤机屏蔽橡胶套软电缆

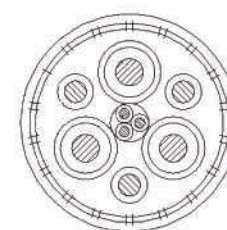
应用 额定电压1.9/3.3kV采煤机及类似设备的电源连接

Cable Type MCP-1.9/3.3kV (Type B)

Standard MT 818.2-2009

Name screen flexible rubber cable for coal cutter

Application Power supply of 1.9/3.3kV coal cutter and similar equipments



MCP-1.9/3.3kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于 (Ω/km)	最大估重 (kg/km)	25°C时载流量 (A)	短路电流 (kA)	绝缘电阻最小值 (MΩ·km)	允许最大张力 (kN)
3 × 35	3 × 16/3	2.8	7.0	59.0	64.0	0.554	4073.0	135	5.0	400	1.82
3 × 50	3 × 25/3	2.8	7.5	63.0	69.0	0.386	5070.0	170	7.2	350	2.63
3 × 70	3 × 35/3	2.8	7.5	68.0	75.0	0.272	6235.0	205	10.0	300	3.68
3 × 95	3 × 35/3	3.0	7.5	69.0	78.0	0.206	7616.0	250	13.6	250	4.80
3 × 120	3 × 50/3	3.2	7.5	74.0	84.5	0.161	10914.0	295	17.2	250	6.15
3 × 150	3 × 50/3	3.2	7.5	78.5	88.0	0.129	11600.0	320	21.5	250	7.50

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MYPTJ-6/10kV

执行标准 MT 818.2-2009 

名称 煤矿用移动金属屏蔽监视型橡胶套软电缆

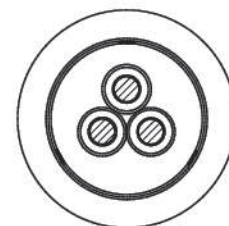
应用 额定电压6/10kV的井下移动变压器及类似设备的电源连接

Cable Type MYPTJ-6/10kV

Standard MT 818.2-2009

Name movable metal screen pilot flexible rubber cable

Application Power supply of 6/10kV movable underground mining transformer and similar equipments.



MYPTJ-6/10kV

No. of cores and nominal cross sectional area			Nominal insulation thickness	Nominal inner sheath thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20℃	Weight max	Current carrying capacities at 25℃	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	绝缘标称	内护套标称	厚度	厚度	厚度	下限	上限	20℃时导体电阻不小于	最大估重	25℃时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²) (mm ²) (mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×25 3×16/3 3×2.5	4.5	2.5	5.5	63.0	71.0	0.78	7010.0	110	3.6	700	1.37		
3×35 3×16/3 3×2.5	4.5	2.5	5.5	66.0	74.5	0.554	7659.0	135	5.0	650	1.82		
3×50 3×25/3 3×2.5	4.5	3.0	5.5	70.5	79.5	0.386	8959.0	170	7.2	550	2.63		
3×70 3×35/3 3×2.5	4.5	3.0	5.5	74.5	84.0	0.272	10242.0	205	10.0	500	3.68		
3×95 3×50/3 3×2.5	4.5	3.0	5.5	79.5	88.5	0.206	11428.0	250	13.6	450	5.03		
3×120 3×50/3 3×2.5	4.5	3.0	5.5	82.5	92.0	0.161	13380.0	295	17.2	400	6.15		

电缆型号及额定电压 MCPJB-0.66/1.14kV

执行标准 MT 818.3-2009 

名称 采煤机屏蔽监视编织加强型橡胶套软电缆

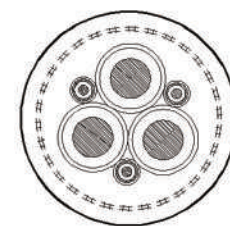
应用 额定电压0.66/1.14kV及以下采煤机及其类似设备的电源连接电缆可直接拖曳使用

Cable Type MCPJB-0.66/1.14kV

Standard MT 818.3-2009

Name Screen, pilot, braiding reinforced flexible rubber cable

Application Power supply of 0.66/1.14kV and below coal cutter and similar equipments. The cable be trailed.



MCPJB-0.66/1.14kV

No. of cores and nominal cross sectional area			Nominal insulation thickness	Nominal inner sheath thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20℃	Weight max	Current carrying capacities at 25℃	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	绝缘标称	内护套标称	厚度	厚度	厚度	下限	上限	20℃时导体电阻不小于	最大估重	25℃时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²) (mm ²) (mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×35 16 3×1.5 3×1.5	1.8	1.8	3.0	43.5	49.0	0.554	3543.4	135	5.0	250	1.58		
3×50 25 3×1.5 3×1.5	1.8	2.0	3.5	49.5	55.7	0.386	4716.0	170	7.2	250	2.25		
3×70 35 3×1.5 3×1.5	1.8	2.0	3.5	54.0	61.0	0.272	5860.0	205	10.0	200	3.15		
3×95 50 3×1.5 3×1.5	2.0	2.4	4.0	60.5	68.0	0.206	7170.0	250	13.6	200	4.28		

电缆型号及额定电压 MCPJB-1.9/3.3kV

执行标准 MT 818.3-2009 

名称 采煤机屏蔽监视编织加强型橡胶套软电缆

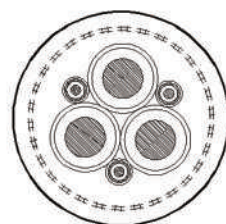
应用 额定电压1.9/3.3kV及以下采煤机及其类似设备的电源连接。电缆可直接拖曳使用

Cable Type MCPJB-1.9/3.3kV

Standard MT 818.3-2009

Name Screen, pilot, braiding reinforced flexible rubber cable

Application Power supply of 1.9/3.3kV and below coal cutter and similar equipments. The cable be trailed.



MCPJB-1.9/3.3kV

No. of cores and nominal cross sectional area				Nominal insulation thickness	Nominal inner sheath thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数×导体标称截面				绝缘标称厚度	内护套标称厚度	外护套标称厚度	电缆外径		20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
动力线芯 (mm²)	地线芯 (mm²)	控制芯 (mm²)	监视线芯 (mm²)	(mm)	(mm)	(mm)	下限 (mm)	上限 (mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×35	16	3×1.5	3×1.5	2.8	1.8	3.0	49.5	55.0	0.554	4090.00	135	5.0	400	1.58
3×50	25	3×1.5	3×1.5	2.8	2.0	3.5	54.5	61.0	0.386	5450.00	170	7.2	350	2.25
3×70	35	3×1.5	3×1.5	2.8	2.0	3.5	59.0	66.0	0.272	6570.00	205	10.0	300	3.15
3×95	50	3×1.5	3×1.5	2.8	2.4	4.0	64.5	72.0	0.206	7780.00	250	13.6	250	4.28

电缆型号及额定电压 MCPJR-0.66/1.14kV

执行标准 MT 818.3-2009 

名称 采煤机屏蔽监视绕包加强型橡胶套软电缆

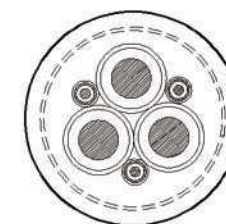
应用 额定电压0.66/1.14kV及下采煤机及类似设备的电源连接。但电缆必须在保护链板内使用

Cable Type MCPJR-0.66/1.14kV

Standard MT 818.3-2009

Name Screen, pilot, taping reinforced flexible rubber cable

Application Power supply of 0.66/1.14kV and below coal cutter and similar equipments. The cable must be used with chain operation.



MCPJR-0.66/1.14kV

No. of cores and nominal cross sectional area				Nominal insulation thickness	Nominal inner sheath thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数×导体标称截面				绝缘标称厚度	内护套标称厚度	外护套标称厚度	电缆外径		20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
动力线芯 (mm²)	地线芯 (mm²)	控制芯 (mm²)	监视线芯 (mm²)	(mm)	(mm)	(mm)	下限 (mm)	上限 (mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×35	16	3×1.5	3×1.5	1.8	1.8	3.0	40.5	46.0	0.554	3849.1	135	5.0	250	1.58
3×50	25	3×1.5	3×1.5	1.8	2.0	3.5	46.5	52.5	0.386	4706.4	170	7.2	250	2.25
3×70	35	3×1.5	3×1.5	1.8	2.0	3.5	51.0	57.5	0.272	5853.9	205	10.0	200	3.15
3×95	50	3×1.5	3×1.5	2.0	2.4	4.0	57.5	64.5	0.206	7166.9	250	13.6	200	4.28

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MCPJR-1.9/3.3kV

执行标准 MT 818.3-2009 

名称 采煤机屏蔽监视绕包加强型橡胶套软电缆

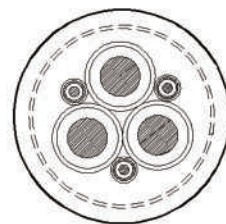
应用 额定电压1.9/3.3kV及以下采煤机及类似设备的电源连接。但电缆必须在保护链板内使用

Cable Type MCPJR-1.9/3.3kV

Standard MT 818.3-2009

Name Screen, pilot, tapping reinforced flexible rubber cable

Application Power supply of 1.9/3.3kV and below coal cutter and similar equipments. The cable must be used with chain operation.



MCPJR-1.9/3.3kV

No. of cores and nominal cross sectional area				Nominal insulation thickness	Nominal inner sheath thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20℃	Weight max	Current carrying capacities at 25℃	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面				绝缘标称	内护套标称	外护套标称	电缆外径		20℃时导体电阻不小于	最大估重	25℃时载流量	短路电流	绝缘电阻最小值	允许最大张力
动力线芯 (mm²)	地线芯 (mm²)	控制芯 (mm²)	监视线芯 (mm²)	厚度 (mm)	厚度 (mm)	厚度 (mm)	下限 (mm)	上限 (mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×35	16	3×1.5	3×1.5	2.8	1.8	3.0	46.5	52.0	0.554	4086.03	135	5.0	400	1.58
3×50	25	3×1.5	3×1.5	2.8	2.0	3.5	51.5	57.5	0.386	5431.00	170	7.2	350	2.25
3×70	35	3×1.5	3×1.5	2.8	2.0	3.5	56.0	62.5	0.272	6564.86	205	10.0	300	3.15
3×95	50	3×1.5	3×1.5	2.8	2.4	4.0	62.0	68.5	0.206	7774.78	250	13.6	250	4.28

电缆型号及额定电压 MCPTJ-0.66/1.14kV

执行标准 MT 818.4-2009 

名称 采煤机金属屏蔽橡胶套软电缆

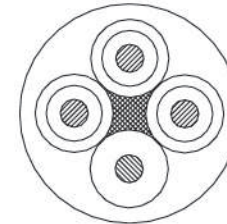
应用 额定电压0.66/1.14kV及以下采煤机及类似设备的电源连接

Cable Type MCPTJ-0.66/1.14kV

Standard MT 818.4-2009

Name Metal screen flexible rubber cable

Application Power supply of 0.66/1.14kV and below coal cutter and similar equipments



MCPTJ-0.66/1.14kV

No. of cores and nominal cross sectional area				Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20℃	Weight max	Current carrying capacities at 25℃	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面				绝缘标称	外护套标称	电缆外径		20℃时导体电阻不小于	最大估重	25℃时载流量	短路电流	绝缘电阻最小值	允许最大张力
动力线芯 (mm²)	地线芯 (mm²)	辅助线芯 (mm²)		厚度 (mm)	厚度 (mm)	下限 (mm)	上限 (mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×16	1×16	1×16		1.5	5.0	35.8	38.6	1.2	2816.18	85.0	2.3	350	1.20
3×25	1×16	1×16		1.5	5.0	39.7	42.9	0.78	3364.94	110	3.6	300	1.61
3×35	1×16	1×16		1.6	5.0	43.1	46.3	0.554	3890.40	135	5.0	260	2.06
3×50	1×25	1×25		1.7	5.3	48.5	51.8	0.386	5281.95	170	7.2	230	3.00
3×70	1×35	1×35		1.8	5.8	55.1	58.8	0.272	6872.31	205	10.0	210	4.20
3×95	1×50	1×50		2.0	6.4	62.4	66.1	0.206	8643.55	250	13.6	200	5.78
3×120	1×50	1×70		2.2	6.9	68.0	72.5	0.161	10115.0	295	17.2	200	7.20
3×150	1×70	1×70		2.4	7.3	74.5	79.5	0.129	11500.0	320	21.5	180	8.85

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MCPTJ-0.66/1.14kV

执行标准 MT 818.4-2009 

名称 采煤机金属屏蔽橡胶套软电缆

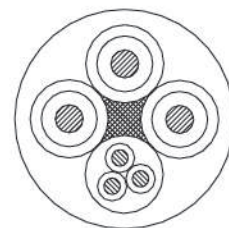
应用 额定电压0.66/1.14kV及以下采煤机及类似设备的电源连接

Cable Type MCPTJ-0.66/1.14kV

Standard MT 818.4-2009

Name Metal screen flexible rubber cable

Application Power supply of 0.66/1.14kV and below coal cutter and similar equipments



MCPT-0.66/1.14kV

No. of cores and nominal cross sectional area			Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面			绝缘标称厚度	外护套标称厚度	电缆外径		20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
动力线芯 (mm²)	地线芯 (mm²)	控制线芯 (mm²)	(mm)	(mm)	下限 (mm)	上限 (mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×25	1×16	3×4	1.5	5.0	39.7	42.9	0.78	3376.50	110	3.6	300	1.37
3×35	1×16	3×4	1.6	5.0	43.1	46.3	0.554	4050.68	135	5.0	260	1.82
3×50	1×25	3×4	1.7	5.3	48.5	51.8	0.386	5314.58	170	7.2	230	2.63
3×70	1×35	3×6	1.8	5.8	55.1	58.8	0.272	6441.26	205	10.0	210	3.68
3×95	1×50	3×6	2.0	6.4	62.4	66.1	0.206	8198.47	250	13.6	200	5.03
3×120	1×50	3×10	2.2	6.9	68.0	72.5	0.161	9950.00	295	17.2	200	6.15
3×150	1×70	3×10	2.4	7.3	74.5	79.5	0.129	11230.00	320	21.5	180	7.80

电缆型号及额定电压 MCPTJ-1.9/3.3kV

执行标准 MT 818.4-2009 

名称 采煤机金属屏蔽橡胶套软电缆

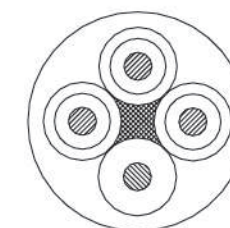
应用 额定电压1.9/3.3kV及以下采煤机及类似设备的电源连接

Cable Type MCPTJ-1.9/3.3kV

Standard MT 818.4-2009

Name Metal screen flexible rubber cable

Application Power supply of 1.9/3.3kV and below coal cutter and similar equipments



MCPTJ-1.9/3.3kV

No. of cores and nominal cross sectional area			Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面			绝缘标称厚度	外护套标称厚度	电缆外径		20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
动力线芯 (mm²)	地线芯 (mm²)	辅助线芯 (mm²)	(mm)	(mm)	下限 (mm)	上限 (mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×25	1×25	1×16	3.0	5.1	47.4	49.9	0.78	3893.8	110	3.6	980	1.74
3×35	1×35	1×16	3.0	5.5	51.6	54.6	0.554	4596.9	135	5.0	850	2.34
3×50	1×35	1×25	3.0	5.9	56.8	59.8	0.386	5589.9	170	7.2	740	3.15
3×70	1×50	1×35	3.0	6.4	62.8	65.8	0.272	7313.8	205	10.0	630	4.43
3×95	1×50	1×50	3.0	6.9	68.9	72.7	0.206	8911.9	250	13.6	550	5.78
3×120	1×70	1×70	3.0	7.3	73.4	77.2	0.161	10480.0	295	17.2	510	7.50
3×150	1×70	1×70	3.0	7.8	79.0	83.6	0.129	11990.0	320	21.5	450	8.85

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MCPTJ-1.9/3.3kV

执行标准 MT 818.4-2009 

名称 采煤机金属屏蔽橡胶套软电缆

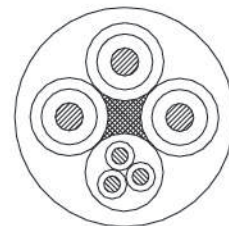
应用 额定电压1.9/3.3kV及以下采煤机及类似设备的电源连接

Cable Type MCPTJ-0.66/1.14kV

Standard MT 818.4-2009

Name Metal screen flexible rubber cable

Application Power supply of 1.9/3.3kV and below coal cutter and similar equipments



MCPT-1.9/3.3kV

No. of cores and nominal cross sectional area			Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面			绝缘标称厚度	外护套标称厚度	电缆外径		20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm²)	(mm²)	(mm²)	(mm)	(mm)	下限	上限	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×25	1×16	3×4	3.0	5.1	47.4	49.9	0.78	3851.4	110	3.6	980	1.37
3×35	1×35	3×4	3.0	5.5	51.6	54.6	0.554	4620.4	135	5.0	850	1.82
3×50	1×35	3×4	3.0	5.9	56.8	59.8	0.386	5829.4	170	7.2	740	2.63
3×70	1×50	3×6	3.0	6.4	62.8	65.8	0.272	7259.6	205	10.0	630	3.68
3×95	1×50	3×6	3.0	6.9	68.9	72.7	0.206	8864.1	250	13.6	550	5.03
3×120	1×70	3×10	3.0	7.3	73.4	77.2	0.161	10475.0	295	17.2	510	6.15
3×150	1×70	3×10	3.0	7.8	79.0	83.6	0.129	11980.0	320	21.5	450	7.80

电缆型号及额定电压 MY-0.38/0.66kV

执行标准 MT 818.5-2009 

名称 煤矿用移动橡胶套软电缆

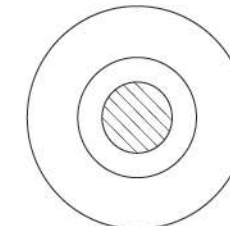
应用 额定电压0.38/0.66kV各种井下移动采煤设备的电源连接

Cable Type MY-0.38/0.66kV

Standard MT 818.5-2009

Name Movable flexible rubber cable

Application Power supply of 0.38/0.66kV movable underground mining equipment



MY-0.38/0.66kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面		绝缘标称厚度	外护套标称厚度	电缆外径		20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(n)	(mm²)	(mm)	(mm)	下限	上限	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
1×4		1.4	1.5	8.0	10.0	4.95	141.3	37	0.6	600	0.06
1×6		1.4	1.6	9.0	12.0	3.30	375.7	46	0.9	450	0.09
1×10		1.6	1.8	11.0	14.0	1.91	377.9	63	1.4	400	0.15
1×16		1.6	1.9	12.0	15.0	1.21	475.7	85	2.3	350	0.24
1×25		1.8	2.0	14.0	17.5	0.78	534.7	110	3.6	300	0.38
1×35		1.8	2.2	16.0	19.5	0.554	715.4	135	5.0	250	0.53
1×50		2.0	2.4	18.5	22.5	0.386	1005.3	170	7.2	250	0.75
1×70		2.0	2.6	21.0	25.0	0.272	1073.6	205	10.0	200	1.05
1×95		2.2	2.8	23.5	28.5	0.206	1390.0	250	13.6	200	1.43
1×120		2.2	3.0	25.5	29.5	0.161	1667.4	295	17.2	200	1.80
1×150		2.4	3.2	28.0	33.0	0.129	2054.1	320	21.5	180	2.25
1×185		2.4	3.4	30.5	35.5	0.106	2442.8	376	26.5	180	2.78
1×240		2.6	3.5	34.0	39.5	0.0801	3069.0	446	34.3	160	3.60
1×300		2.6	3.6	37.0	43.0	0.0641	3814.0	516	42.9	140	4.50
1×400		2.8	3.8	42.0	48.0	0.0495	4891.3	690	57.2	140	6.00

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MY-0.38/0.66kV

执行标准 MT 818.5-2009 

名称 煤矿用移动橡胶套软电缆

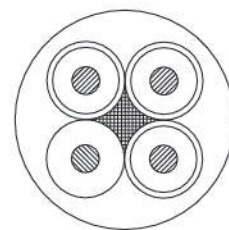
应用 额定电压0.38/0.66kV各种井下移动采煤设备的电源连接

Cable Type MY-0.38/0.66kV

Standard MT 818.5-2009

Name Movable flexible rubber cable

Application Power supply of 0.38/0.66kV movable underground mining equipment



MY-0.38/0.66kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×4	1×4	1.4	3.5	19.0	22.5	4.95	645.8	37	0.6	600	0.24
3×6	1×6	1.4	3.5	21.0	25.5	3.30	793.2	46	0.9	450	0.36
3×10	1×10	1.6	4.0	25.0	30.0	1.91	1257.8	63	1.4	400	0.60
3×16	1×10	1.6	4.0	27.5	32.0	1.21	1470.6	85	2.3	350	0.87
3×25	1×16	1.8	4.5	32.5	37.5	0.78	2105.0	110	3.6	300	1.37
3×35	1×16	1.8	4.5	35.5	41.0	0.554	2563.5	135	5.0	250	1.82
3×50	1×16	2.0	5.0	41.5	47.5	0.386	3488.4	170	7.2	250	2.49
3×70	1×25	2.0	5.0	46.0	53.0	0.272	4546.8	205	10.0	200	3.53
3×95	1×25	2.2	5.5	52.5	59.5	0.206	5808.2	250	13.6	200	4.65
3×120	1×35	2.2	5.5	56.0	63.5	0.161	6861.9	295	17.2	200	5.93
3×150	1×50	2.4	6.0	62.5	70.5	0.129	8521.2	320	21.5	180	7.50

电缆型号及额定电压 MYP-0.38/0.66kV

执行标准 MT 818.5-2009 

名称 煤矿用移动屏蔽橡胶套软电缆

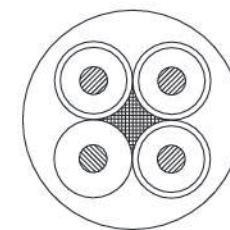
应用 额定电压0.38/0.66kV各种井下移动采煤设备的电源连接

Cable Type MYP-0.38/0.66kV

Standard MT 818.5-2009

Name Movable screen flexible rubber cable

Application Power supply of 0.38/0.66kV movable underground mining equipment



MYP-0.38/0.66kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3×4	1×4	1.4	3.5	22.0	26.5	4.95	709.6	37	0.6	600	0.24
3×6	1×6	1.4	3.5	24.0	29.0	3.30	1014.8	46	0.9	450	0.36
3×10	1×10	1.6	4.0	28.0	32.5	1.91	1436.6	63	1.4	400	0.60
3×16	1×10	1.6	4.0	30.5	35.5	1.21	1769.1	85	2.3	350	0.87
3×25	1×16	1.8	4.5	35.5	41.0	0.78	2492.7	110	3.6	300	1.37
3×35	1×16	1.8	4.5	38.5	44.5	0.554	2992.8	135	5.0	250	1.82
3×50	1×16	2.0	5.0	44.5	51.0	0.386	4005.1	170	7.2	250	2.49
3×70	1×25	2.0	5.0	49.0	56.0	0.272	4752.9	205	10.0	200	3.53
3×95	1×25	2.2	5.5	55.5	63.0	0.206	6017.0	250	13.6	200	4.65
3×120	1×35	2.2	5.5	59.0	67.0	0.161	7094.6	295	17.2	200	5.93
3×150	1×50	2.4	6.0	65.5	74.0	0.129	8054.6	320	21.5	180	7.50

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MYP-0.66/1.14kV

执行标准 MT 818.5-2009 

名称 煤矿用移动屏蔽橡胶套软电缆

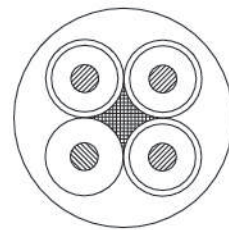
应用 额定电压0.66/1.14kV各种井下移动采煤设备的电源连接

Cable Type MYP-0.66/1.14kV

Standard MT 818.5-2009

Name Movable screen flexible rubber cable

Application Power supply of 0.66/1.14kV movable underground mining equipment



MYP-0.66/1.14kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3 × 10	1 × 10	1.8	4.5	30.0	35.0	1.91	1622.4	63	1.4	400	0.60
3 × 16	1 × 10	1.8	4.5	32.5	37.5	1.21	1902.9	85	2.3	350	0.87
3 × 25	1 × 16	2.0	5.0	37.5	43.0	0.78	2378.3	110	3.6	300	1.37
3 × 35	1 × 16	2.0	5.0	40.5	46.5	0.554	3452.5	135	5.0	250	1.82
3 × 50	1 × 16	2.2	5.5	46.5	53.0	0.386	4075.6	170	7.2	250	2.49
3 × 70	1 × 25	2.2	5.5	51.0	58.0	0.272	5273.1	205	10.0	200	3.53
3 × 95	1 × 25	2.4	6.0	57.5	65.0	0.206	6427.0	250	13.6	200	4.65
3 × 120	1 × 35	2.4	6.0	61.0	69.0	0.161	6700.0	295	17.2	200	5.93
3 × 150	1 × 50	2.6	6.0	66.5	75.0	0.129	8875.0	320	21.5	180	7.50

电缆型号及额定电压 MYPTJ-3.6/6kV

执行标准 MT 818.6-2009 

名称 煤矿用移动金属屏蔽监视型橡胶套软电缆

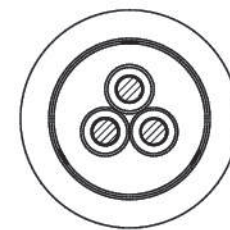
应用 额定电压3.6/6kV的井下移动变压器及类似设备的电源连接

Cable Type MYPTJ-3.6/6kV

Standard MT 818.6-2009

Name movable metal screen pilot flexible rubber cable

Application Power supply of 3.6/6kV movable underground mining transformer and similar equipments.



MYPTJ-3.6/6kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal inner sheath thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	地线芯	厚度	厚度	厚度	下限	上限	20°C时导体电阻不小于	最大估重	25°C时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3 × 25	3 × 16/3	4.0	2.5	5.5	61.0	69.0	0.78	4610.0	110	3.6	650	1.37
3 × 35	3 × 16/3	4.0	2.5	5.5	63.5	72.0	0.554	5102.0	135	5.0	550	1.82
3 × 50	3 × 16/3	4.0	2.5	5.5	67.5	76.0	0.386	5849.0	170	7.2	500	2.49
3 × 70	3 × 25/3	4.0	3.0	5.5	72.5	82.0	0.272	9995.0	205	10.0	450	3.53
3 × 95	3 × 35/3	4.0	3.0	5.5	77.0	87.0	0.206	11041.0	250	13.6	400	4.80
3 × 120	3 × 35/3	4.0	3.0	5.5	80.5	90.0	0.161	12800.0	295	17.2	350	5.93

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MYPTJ-8.7/10kV

执行标准 MT 818.6-2009 

名称 煤矿用移动金属屏蔽监视型橡胶套软电缆

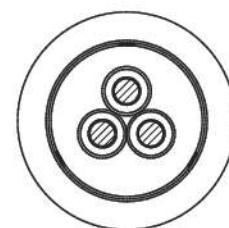
应用 额定电压8.7/10kV的井下移动变压器及类似设备的电源连接

Cable Type MYPTJ-8.7/10kV

Standard MT 818.6-2009

Name movable metal screen pilot flexible rubber cable

Application Power supply of 8.7/10kV movable underground mining transformer and similar equipments.



MYPTJ-8.7/10kV

No. of cores and nominal cross sectional area			Nominal insulation thickness	Nominal inner sheath thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20℃	Weight max	Current carrying capacities at 25℃	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	动力线芯	地线芯	监视线芯	厚度	厚度	厚度	电缆外径	20℃时导体电阻不小于	最大估重	25℃时载流量	短路电流	绝缘电阻最小值	允许最大张力
(mm ²)	(mm ²)	(mm ²)	(mm)	(mm)	(mm)	下限	上限	(Ω/km)	(kg/km)	(A)	(kA)	(MΩ·km)	(kN)
3 × 25	3 × 16/3	3 × 2.5	5.5	2.5	5.5	67.0	76.0	0.78	7941.0	110	3.6	700	1.37
3 × 35	3 × 16/3	3 × 2.5	5.5	3.0	5.5	71.0	80.0	0.554	8613.0	135	5.0	650	1.82
3 × 50	3 × 25/3	3 × 2.5	5.5	3.0	5.5	75.0	84.5	0.386	9935.0	170	7.2	550	2.63
3 × 70	3 × 35/3	3 × 2.5	5.5	3.0	5.5	79.0	88.0	0.272	11304.0	205	10.0	500	3.68
3 × 95	3 × 50/3	3 × 2.5	5.5	3.0	5.5	83.5	93.0	0.206	12538.0	250	13.6	450	5.03
3 × 120	3 × 50/3	3 × 2.5	5.5	3.0	5.5	86.5	96.5	0.161	14569.0	295	17.2	400	6.15

电缆型号及额定电压 MYPT-1.9/3.3kV

执行标准 MT 818.7-2009 

名称 煤矿用移动金属屏蔽橡胶套软电缆

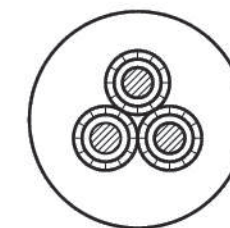
应用 额定电压1.9/3.3kV井下移动采煤设备的电源连接

Cable Type MYPT-1.9/3.3kV

Standard MT 818.7-2009

Name movable metal screen flexible rubber cable

Application Power supply of 1.9/3.3kV underground movable coal cutter and similar equipments.



MYPT-1.9/3.3kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20℃	Weight max	Current carrying capacities at 25℃	Fault current	Insulation resistance	Tensile strength max
芯数×导体标称截面		绝缘标称	护套标称	电缆外径		20℃时导体	最大估重	25℃时	短路电流	绝缘电阻	允许最大
动力线芯	地线芯	厚度	厚度	下限	上限	电阻不小于	(kg/km)	载流量	(kA)	最小值	张力
(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(Ω/km)		(A)		(MΩ·km)	(kN)
3×35	3×16/3	2.8	6.0	47.0	54.0	0.554	4964.0	135	5.0	500	1.82
3×50	3×16/3	2.8	6.0	50.5	57.5	0.386	6072.0	170	7.2	400	2.49
3×70	3×25/3	3.0	6.0	56.0	63.5	0.272	7434.0	205	10.0	400	3.53
3×95	3×35/3	3.0	6.0	60.5	67.5	0.206	8524.0	250	13.6	350	4.80
3×120	3×35/3	3.2	6.0	64.5	72.0	0.161	10614.0	295	17.2	300	5.93
3×150	3×50/3	3.2	6.0	68.5	76.5	0.129	11209.0	320	21.5	300	7.50

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MYP-3.6/6kV

执行标准 MT 818.7-2009 

名称 煤矿用移动屏蔽橡胶套软电缆

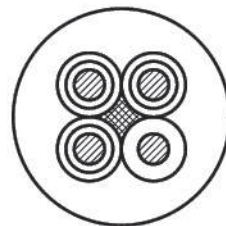
应用 额定电压3.6/6kV移动式地面矿山机械电源连接

Cable Type MYP-3.6/6kV

Standard MT 818.7-2009

Name movable screen flexible rubber cable

Application Power supply of 3.6/6kV movable opencast equipments.



MYP-3.6/6kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
动力线芯 (mm²)	地线芯 (mm²)	厚度 (mm)	厚度 (mm)	下限 (mm)	上限 (mm)	20°C时导体电阻不小于 (Ω/km)	最大估重 (kg/km)	25°C时载流量 (A)	短路电流 (kA)	绝缘电阻最小值 (MΩ·km)	允许最大张力 (kN)
3×16	1×16	4.0	5.5	48.0	55.0	1.21	3894.54	85	2.3	750	0.96
3×25	1×16	4.0	5.5	51.0	58.0	0.78	4553.84	110	3.6	650	1.37
3×35	1×16	4.0	5.5	54.0	61.5	0.554	5179.52	135	5.0	550	1.82
3×50	1×25	4.0	5.5	58.0	66.0	0.386	6250.06	170	7.2	500	2.63
3×70	1×25	4.0	6.0	64.0	72.0	0.272	7600.00	205	10.0	450	3.53
3×95	1×35	4.0	6.0	68.5	77.0	0.206	8915.55	250	13.6	400	4.80
3×120	1×35	4.0	6.0	71.5	80.0	0.161	10210.56	295	17.2	350	5.93
3×150	1×50	4.0	6.0	76.0	85.0	0.129	11385.00	320	21.5	350	7.50

电缆型号及额定电压 MYPT-3.6/6kV

执行标准 MT 818.7-2009 

名称 煤矿用移动金属屏蔽橡胶套软电缆

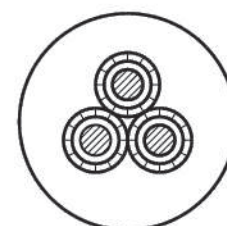
应用 额定电压3.6/6kV移动式地面矿山机械电源连接

Cable Type MYPT-3.6/6kV

Standard MT 818.7-2009

Name movable metal screen flexible rubber cable

Application Power supply of 3.6/6kV movable opencast equipments.



MYPT-3.6/6kV

No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
动力线芯 (mm²)	地线芯 (mm²)	厚度 (mm)	厚度 (mm)	下限 (mm)	上限 (mm)	20°C时导体电阻不小于 (Ω/km)	最大估重 (kg/km)	25°C时载流量 (A)	短路电流 (kA)	绝缘电阻最小值 (MΩ·km)	允许最大张力 (kN)
3×16	3×16/3	4.0	5.5	49.0	56.0	1.21	4546.43	85	2.3	750	0.96
3×25	3×16/3	4.0	5.5	51.5	58.5	0.78	4592.10	110	3.6	650	1.37
3×35	3×16/3	4.0	5.5	54.5	62.0	0.554	5899.71	135	5.0	550	1.82
3×50	3×16/3	4.0	5.5	58.5	66.0	0.386	7286.92	170	7.2	500	2.49
3×70	3×25/3	4.0	6.0	64.0	72.0	0.272	8807.18	205	10.0	450	3.53
3×95	3×35/3	4.0	6.0	68.0	77.0	0.206	90705.00	250	13.6	400	4.80
3×120	3×35/3	4.0	6.0	71.5	79.5	0.161	11650.00	295	17.2	350	5.93
3×150	3×50/3	4.0	6.0	75.5	84.5	0.129	12050.00	320	21.5	350	7.50

Mining & Tunnelling Cables

Mining & Tunnelling Cables

电缆型号及额定电压 MYPT-6/10kV

执行标准 MT 818.7-2009 **MA**

名称 煤矿用移动金属屏蔽橡胶套软电缆

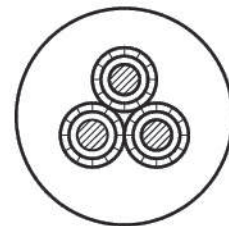
应用 额定电压6/10kV移动式地面矿山机械电源连接

Cable Type MYPT-6/10kV

Standard MT 818.7-2009

Name movable metal screen flexible rubber cable

Application Power supply of 6/10kV movable opencast equipments.



MYPT-6/10kV

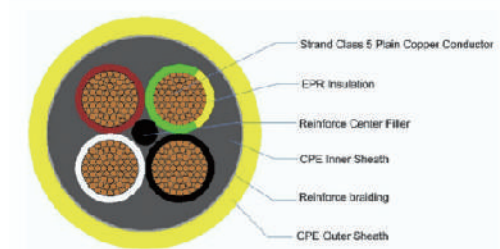
No. of cores and nominal cross sectional area		Nominal insulation thickness	Nominal outer sheath thickness	Overall Diameter		Max. DC conductor resistance at 20°C	Weight max	Current carrying capacities at 25°C	Fault current	Insulation resistance	Tensile strength max
芯数 × 导体标称截面	动力线芯 地线芯 (mm²)	绝缘标称厚度 (mm)	外护套标称厚度 (mm)	电缆外径 下限 (mm)	上限 (mm)	20°C时导体电阻不小于 (Ω/km)	最大估重 (kg/km)	25°C时载流量 (A)	短路电流 (kA)	绝缘电阻 最小值 (MΩ·km)	允许最大张力 (kN)
3 × 16	3 × 16/3	5.0	6.0	54.0	61.0	1.21	5675.0	85	2.3	850	0.96
3 × 25	3 × 16/3	5.0	6.0	57.0	64.5	0.78	6357.0	110	3.6	750	1.37
3 × 35	3 × 16/3	5.0	6.0	59.5	67.5	0.554	6989.0	135	5.0	700	1.82
3 × 50	3 × 25/3	5.0	6.0	63.5	72.0	0.386	8227.0	170	7.2	600	2.63
3 × 70	3 × 35/3	5.0	6.0	68.0	76.5	0.272	9535.0	205	10.0	550	3.68
3 × 95	3 × 50/3	5.0	6.0	72.5	81.0	0.206	10705.0	250	13.6	450	5.03
3 × 120	3 × 50/3	5.0	6.0	75.5	84.5	0.161	12657.0	295	17.2	450	6.15
3 × 150	3 × 50/3	5.0	6.0	79.5	89.0	0.129	13573.0	320	21.5	400	7.50

电缆型号及额定电压 (N)SHTOEJ-J 0.6/1kV

执行标准 VDE 0250-814 **MA**

名称 卷盘拖曳电缆

应用 重型橡胶绝缘卷筒电缆用于控制和供电。用于高机械应力，特别地同时具有拉力和扭转应力的应用场合。适用于电机驱动的单螺旋卷筒，弹簧控制卷筒和升降系统，特别适用于露天矿或非井下矿的场合的铲运车、钻机卷筒应用。



Cable Type (N)SHTOEJ-J 0.6/1kV

Standard VDE 0250-814

Name Loader reeling cable

Application Heavy duty rubber cable was developed for use in open pit mines for operation under difficult requirements in the ambit of DIN VDE standard: Erection of electrical installations and control system in open-cast mines, quarries and similar plants. These flexible cables are used for high mechanical load, in dry and damp areas, out doors and for power supply to motors and other mobile equipment in industry. Suitable for single spiral reel of motor drive, spring roll control and lifting system. Especially suitable for reeling application of scooper and drilling machine for surface and non-coal underground mines.

No. of Cores	Cross sectional area	Nominal Insulation thickness	Nominal outer sheath thickness	Approx. diameter	DC cond. resistance at 20°C	Approx. weight	Current carrying capacities at ambient 30°C	Tensile Strength max
芯数	截面积 (mm²)	绝缘标称厚度 (mm)	外护套标称厚度 (mm)	近似外径 (mm)	导体直流电阻t 20°C (ohm/km)	近似重量 (kg/km)	载流量30°C 空气中 (A)	最大拉伸力 N/mm²
4	10	1.2	2.2	25.5	1.91	1206	74	15
4	16	1.2	2.2	27	1.21	1498	99	15
4	25	1.4	2.5	33.5	0.78	2222	131	15
4	35	1.4	3.0	37	0.554	2940	162	15
4	50	1.6	3.5	45	0.386	4103	202	15
4	70	1.6	3.5	49	0.272	5257	250	15
6	3×16+2×6+1×6	1.2/1.0	2.5	30	1.21	1717	99	15
6	3×35+2×10+1×10	1.4/1.2	3.0	40	0.554	3105	162	15
6	3×50+2×16+1×16	1.6/1.2	3.5	47	0.386	4292	202	15

* 固定安装弯曲半径6D，移动安装弯曲半径10D

* 固定安装温度-40°C到80°C，移动安装温度-25°C到80°C

Mining & Tunnelling Cables

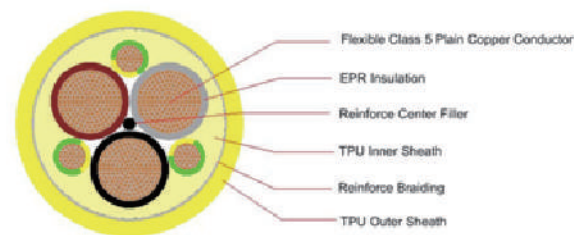
Mining & Tunnelling Cables

电缆型号及额定电压 CU/EPR/TPU 0.6/1kV

执行标准 VDE 0250-814 

名称 卷盘拖曳电缆

应用 重载型橡胶绝缘卷筒电缆用于控制和供电。用于高机械应力，特别地同时具有拉力和扭转应力的应用场合。适用于电机驱动的单螺旋卷筒，弹簧控制卷筒和升降系统，特别适用于露天矿或非井下矿的场合的铲运车、钻机、等卷筒应用。



Cable Type CU/EPR/TPU 0.6/1kV

Standard VDE 0250-814

Name Loader reeling cable

Application Used for high mechanical stress, particular application of strain and torsion stress. Suitable for single spiral reel of motor drive, spring roll control and lifting system. Especially suitable for reeling application of scoop and drilling machine of outdoor mining and underground mining.

No. of Cores	Cross sectional area	Nominal Insulation thickness	Nominal outer sheath thickness	Approx. diameter	DC cond. resistance at 20°C	Approx. weight	Current carrying capacities at ambient 30°C	Tensile Strength max
芯数	截面积 (mm ²)	绝缘标称厚度 (mm)	外护套标称厚度 (mm)	近似外径 (mm)	导体直流电阻 20°C (ohm/km)	近似重量 (kg/km)	载流量 30°C 空气中 (A)	最大拉伸力 N/mm ²
4	10	1.2	2.2	25.5	1.91	1045	74	15
4	16	1.2	2.2	27	1.21	1322	99	15
4	25	1.4	2.5	33.5	0.78	1960	131	15
4	35	1.4	3.0	37	0.554	2610	162	15
4	50	1.6	3.5	45	0.386	3540	202	15
4	70	1.6	3.5	49	0.272	4720	250	15
6	3×16+2×6+1×6	1.2/1.0	2.5	30	1.21	1480	99	15
6	3×35+2×10+1×10	1.4/1.2	3.0	40	0.554	2740	162	15
6	3×50+2×16+1×16	1.6/1.2	3.5	47	0.386	3700	202	15

* 固定安装弯曲半径6D，移动安装弯曲半径10D

* 固定安装温度-40°C到80°C，移动安装温度-25°C到80°C

Mining & Tunnelling Cables

