

## **CAP FOR D-BOX M12 8-WAY 5-POLE**

No pot.-sep. 15m PUR/PVC, 16x0,34+3X0.75

for 8-way distribution boxes, 5-pole 15.0 m

Further cable lengths on request.

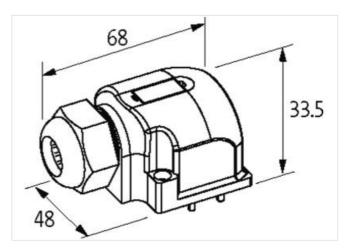
Plastic housings with good resistance against chemicals and oils.

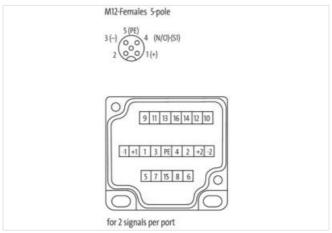
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image



Commercial data	
ECLASS-6.0	27143423
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-19



stay connected

ECLASS-111         27-440108           ECLASS-12.0         27-440108           ETIM 5.0         ECX02585           customs talf number         85-44490           GTIN         404887093755           Packaging unit         1           Electrical falta (Supply)         February (Supplementation)           Total current max         8 A           Parisance resistance           Michanical data (Marterial data           Medical Interior data           Michanical Calla (Interior)         Plassic           Environmental characteristics (Climatic           Environmental characteristics (Climatic           Coperating temporature mix.         70°C           Operating temporature mix.         70°C           Calce development temperature mix.         70°C           Calce development (Calce)         2           Labest Color         pmy           Type of Confliction         40°R           STCOW style packet         Fybrid, Signal		
ECLAS \$12.0         27.440108           ETIM-5.0         ECO0255           CTIN         4048879053736           Packaging unit         1           Electrical data [Supply         Fame resistance           Packaging transmission         8 A           Periode protection. [Media]         Fame resistance           Planter resistance         Plastic           Mechanical data [Material data]         Mediatrial housing           Packer protection. [Media]         Plastic           Environmental characteristics [Climalt/Coperating temperature min.         20 °C           Operating temperature min.         20 °C           Additional condition temperature range         depending on cable quality           Installation [Cable]         2           Cable identification [Cable]         2           Cable identification [Cable]         2           Cable identification [Cable]         2           Cable identification [Cable]         2           Material protein [Cable]         2           Macket Color         prov           Type of Certificate         CUPIus           STOOM 8xy is jucket         Pybriti. Signal. Power           Ancount stransful glype 2         1           Stranding type 2         1	ECLASS-10.1	27440108
ETIMS 0         ECMISSIS           COTIN         4048677959785           Packaging unt         1           Electrical data [Supply         V           Tota current max.         8 A           Device protection   Media         flame retardant           Nechanical data   Material data         flame retardant           Material housing         Plastic           Environmental characteristics   Climatic         Fundamental characteristics   Climatic           Pervironmental characteristics   Climatic         Fundamental properature min.         20 °C           Operating temperature max.         70 °C           Adoltional condition temperature range         depending no cable quality           Institution   Cable         2           Cable dentification         398           Cable dentification         398           Cable in yee         2           Jacket Color         gray           Type of Certificate         cLPFus           STROOM (Myle packet)         Hybrid, Signal, Power           Amount standing (type 2)         1           Stranding (yee 2)         1           Stranding (yee)         2           Acide Active type 2         1           wire arrangement         wire arrangement		
customs tariff number         85444290           GTIN         406873053735           Peckaging unit         1           Electrical datal Supply           Total current max.         8 A           Device protection   Media           Flame resistance         flame retardant           Mechanical datal   Natorial data         Mediantal housing           Environmental characteristics   Climatic         Operating lemperature min.           Operating lemperature min.         -20 °C           Operating lemperature max.         70 °G           Additional condition temperature range         depending on abbit quality           Installation   Cable         398           Cable identification         398           Cable identification         398           Cable in yieig justed         URJus           STOOW style justed         Hybrid, Signal, Power           Amount stranding         1           Stranding (type 2)         1 <t< td=""><td></td><td></td></t<>		
Carbon   C		
Packaging unit         1           Electrical data   Supply         8 A           Davice protection   Media         Flame resistance         flame retardant           Michanda data   Material data         Material housing         Plastic           Environmental characteristics   Climatic         Coperating preparature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable (Strippe)         2           Cable (Type)         2         3           Stroom (Type) of Certificate         CLPUs         3           STOOM (Type) of Certificate         CLPUs         3           Stranding (type) a Stranding (type) 2         1         4           Wire a arrangement         2         16 °C         2           Wire a arrangement </td <td></td> <td></td>		
Electrical data   Supply           Total or unith max.         8 A           Device protection   Media           Filmane resistance         flame restandant           Macterial housing         Plastice           Environmental characteristics   Climate         Flame           Environmental characteristics   Climate         Flame           Environmental characteristics   Climate         Flame           Coperating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Institution   Cable         388           Cable in Yepe         2           Jacket Color         gray           Type of Certificate         Plybrid, Signal, Power           Amount stranding         1           Stranding (type 2)         2 Mio @ 25° °C           Cable weight         45% gray	·	
Total current max.         8 A           Device protection   Media           Filame resistance         Ilame rotardant           Mechanical data   Material data   Material floating   Plastic           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         70 °C           Additional condition temperature max.         70 °C           Additional condition temperature may.         98           Cable identification         388           Cable 17ype         2           2 dacked Color         gray           Type of Certificate         cuPrus           STOOW style jacket         Hybrid Signal. Power           Amount stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         12 wires around Stranding combination twisted           wire arrangement         wire, gray-pink, brown-green, yellow, green-winle, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bendring cycles (C-track)         2 Mio. @ 25 °C           Cable weigh         165 grim           Material jneer barders (jacket)         PUR           Shore hardness jacket         PVC           Co	Packaging unit	1
Pare resistance   Fame retardant   Fame resistance   Fame retardant   Fame resistance   Fame retardant   Fame resistance   Fame retardant	Electrical data   Supply	
Filame resistance         figure retardant           Mocharical data   Material data         Pleastic           Environmental characteristics   Climatic         Formation of the programment of the	Total current max.	8 A
Meterial housing         Plastic           Environmental characteristics   Climatic         Commonity           Operating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Cable identification         398           Cable Type         2           Lacker Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         7 wies around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         1           Wire arrangement         white, gray-pink, brown-green, yellow, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green, yellow)           No. of bending cycles (C-track)         2 Mio. 25°C           Cable weigth         165 g/m           Material jacket         PUR           Freedom from ingredients (gacket)         10 nm           Outer-diameter (facket)         10 nm           M	Device protection   Media	
Material housing         Plastic           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Installation   Cable           Cable identification         388           Cable identification         388           Cable (Lober Type)         2           Jacket Color         gray           Type of Certificate         CUBus           STOOW style jacket         Hybrid, Signal, Power           Amount standing         1           Stranding         7 wees around Core filler twisted           Amount stranding (type 2)         1           Stranding goves (C-track)         2 Mio, gaz-tink, brown-green, yellow, green-white, green, red blue, (violet, brown-gray, black, gray-white, red, brown-yellow, prink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio, gaz-tink, gray, blue, brown, green, yellow, green, yellow	Flame resistance	flame retardant
Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Cable Type   2         2           Jackel Color         gray           Type of Certificate         CURus           STOOM style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         12 wires around Stranding combination twisted           wire arrangement         white, gray-pink, brown-green, yellow, green-vellow, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-green, yellow, green-vellow, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         165 grm           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         10 mm           Outer-diameter (sheat)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)	Mechanical data   Material data	
Operating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature may.         50 °C           Additional condition temperature may.         depending on cable quality           Installation [Cable]           Cable Infection         398           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wice around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         1           Wries arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No of bending cycles (C-track)         2 Mio, @ 25 °C           Cable weigh         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         10 mm           Older diameter (jacket)         10	Material housing	Plastic
Operating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature may.         50 °C           Additional condition temperature may.         depending on cable quality           Installation [Cable]           Cable Infection         398           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wice around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         1           Wries arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No of bending cycles (C-track)         2 Mio, @ 25 °C           Cable weigh         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         10 mm           Older diameter (jacket)         10	Environmental characteristics   Climatic	
Operating lemberature max. 70 °C Additional condition temperature range depending on cable quality    Installation   Cable    Cable identification   398  Cable Type	·	-20 °C
Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         398           Cable Type         2           Jacker Color         gray           Type of Certificate         CURUS           STOOM style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         12           Stranding (type 2)         12 wires around Stranding combination twisted           wire arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigh         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer claimeter (sheath)         ± 5 %           Material wire insulation         PVC           Color (inner jacket)         gray           Material wire insulation <td><u> </u></td> <td></td>	<u> </u>	
Installation   Cable           Cable identification         398           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         1 twise around Stranding combination twisted           wire arrangement         white, gray-pink, brown-green, vellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-green, yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         pVC           Amount wires         16           Outer diameter (barance core insulation         ± 5 %           Material wire insulation         ± 5 %		
Cable identification         398           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding (ype 2)         1           Stranding (type 2)         1           Stranding (type 2)         1 2 wires around Stranding combination twisted           wire arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Color (inner jacket)         gray           Material wire insulation         ± 5 %           Amount wire         16           Outer diameter tolerance core insulation         ± 5 %      <		
Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         12 wires around Stranding combination twisted           wire arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mino, @ 25 °C           Cable weigth         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         ± 5 %           Shore b hardness wire insulation         ± 5 %           Shore b hardness wire insulation         ± 5 %           Shore b hardness		•••
Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         12 wires around Stranding combination twisted           wire arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Gable weigh         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material inner jacket)         gray           Material wire insulation         1,3 mm           Outer diameter insulation         1,3 mm           Outer diameter insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire		
Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         12 wires around Stranding combination twisted           wire arrangement         white, gray-pink, brown green, yellow, green, white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigth         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Amount wires         16           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         good machinability           Ingredient freeness wire insul		
STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 12 wires around Stranding combination twisted wire arrangement white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 165 g/m Material jacket PUR Shore hardness jacket 87 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (sacket) 10 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 16 Outer diameter insulation 1,3 mm Outer diameter insulation 43 ± 5 Shore D Material properties wire insulation 1 good machinability Ingredient freeness wire insulation 1 good machinability Ingredient freeness wire insulation 1 good machinability Ingredient freeness wire insulation 1 lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor orssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Material onductor wire Conductor (Power) PVC		
Amount stranding         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         12 wires around Stranding combination twisted           Wire arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigth         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         pVC           Color (inner jacket)         gray           Material wire insulation         pVC           Color diameter insulation         1.3 mm           Outer diameter insulation         1,3 mm           Outer diameter insulation         4 ± 5 Shore D           Material properties wire insulation         4 ± 5 Shore D           Material properties wire insulation         1.3 cm           Ingredient freeness wire insulation         9 ± 5 Shore D           Material propertie		
Stranding 7 wires around Core filler twisted  Amount stranding (type 2) 1  Stranding (type 2) 12 wires around Stranding combination twisted  wire arrangement white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weight 165 g/m  Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 10 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires  Onductor crosssection (wire) 0,34 mm²  Material or power insulation (wire) branches (preciping) stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Conductor type (wire) Stranded copper wire, bare  Material wire insulation (Power) PVC		
Amount stranding (type 2)  1 2 wires around Stranding combination twisted  wire arrangement  white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Cable weigth  165 g/m  Material jacket  PUR  Shore hardness jacket  87 ± 5 Shore A  Freedom from ingredients (jacket)  10 mm  Tolerance outer diameter (sheath)  ± 5 %  Material inner jacket  PVC  Color (inner jacket)  Material wire insulation  PVC  Amount wires  16  Outer diameter tolerance core insulation  1,3 mm  Outer diameter tolerance core insulation  42 ± 5 Shore D  Material properties wire insulation  good machinability  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire)  19  Diameter of single wires  Onductor type (wire)  Stranded copper wire, bare  Stranded copper wire, bare  Material ornouclation (Power)  PVC  Stranded copper wire, bare  Material wire insulation (Power)  PVC		
Stranding (type 2)         12 wires around Stranding combination twisted           wire arrangement         white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow), pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigth         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Amount wires         16           Outer diameter insulation         1,3 mm           Outer diameter insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         ead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Diameter of single wires         0,15 mm           Co		
wire arrangement white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, looked. Grack)  2 Mio. @ 25 °C  Cable weight 165 g/m  Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 10 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation 43 ± 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strande class 5  Material wire insulation (Power) PVC		
wine air all general wine air all general surgements.         brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weigth         165 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         10 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Amount wires         16           Outer diameter insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,34 mm²           Material wire insulation (Power)         Strand class 5	Stranding (type 2)	
Cable weigth 165 g/m  Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) laad-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 10 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	wire arrangement	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 10 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Strande class 5  Material wire insulation (Power) PVC	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Shore hardness jacket 87 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 10 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 16 Outer diameter tolerance core insulation 1,3 mm Outer diameter tolerance core insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Material wire insulation (Power) PVC	Cable weigth	165 g/m
Freedom from ingredients (jacket)  Outer-diameter (jacket)  10 mm  Tolerance outer diameter (sheath)  ± 5 %  Material inner jacket  PVC  Color (inner jacket)  gray  Material wire insulation  PVC  Amount wires  16  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  43 ± 5 Shore D  Material properties wire insulation  Material properties wire insulation  pood machinability  Ingredient freeness wire insulation  Pead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire)  19  Diameter of single wires  Onductor crosssection (wire)  Onductor vive  Stranded copper wire, bare  Conductor type (wire)  Material wire insulation (Power)  Strand class 5  Material wire insulation (Power)  PVC	Material jacket	PUR
Outer-diameter (jacket) 10 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Outer-diameter (jacket)	10 mm
Color (inner jacket) gray  Material wire insulation PVC  Amount wires 16  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation       PVC         Amount wires       16         Outer diameter insulation       1,3 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       19         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Material wire insulation (Power)       PVC	Material inner jacket	PVC
Amount wires  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  \$\pmath{\p	Color (inner jacket)	gray
Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Amount wires	16
Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Outer diameter insulation	1,3 mm
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Material wire insulation (Power) PVC	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire) 19  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Material properties wire insulation	
Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Amount strands (wire)	19
Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Material wire insulation (Power) PVC	Diameter of single wires	0,15 mm
Conductor type (wire) Strand class 5  Material wire insulation (Power) PVC	Conductor crosssection (wire)	0,34 mm²
Material wire insulation (Power) PVC	Material conductor wire	Stranded copper wire, bare
,	Conductor type (wire)	
Outer diameter wire insulation (Power) 1,8 mm	Material wire insulation (Power)	PVC
	Outer diameter wire insulation (Power)	1,8 mm



Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (Power)	3
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance	7,8 A
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	00 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
Family construction form	free cable end
No. of poles	19
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE
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