

## CAP FOR D-BOX M124-WAY 5-POLE

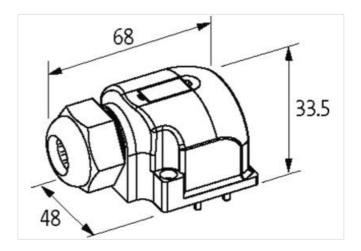
No pot.-sep.25m PUR, 8x0,5+3x1,0

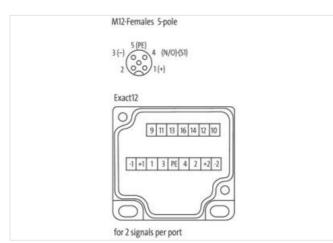
for 4-way distribution boxes, 5-pole Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## 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	

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ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879055482
Packaging unit	1
Electrical data   Supply	
Total current max.	8 A
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	448
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with Filler twisted
Stranding factor min.	51 mm
Stranding factor max.	51 mm
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination counter-rotating twisted
Stranding factor min. (type 2)	100 mm
Stranding factor max. (type 2)	100 mm
Banding	Fleece
Filler	yes
wire arrangement	white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	146,3 g/m
Material jacket	PUR
Shore hardness jacket	94 + 5 Shore A
Shore hardness jacket	94 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Freedom from ingredients (jacket) Outer-diameter (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9 mm
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9 mm ± 5 %
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9 mm ± 5 % TPE-E
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %         55 ± 3 Shore D
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %         55 ± 3 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         64
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %         55 ± 3 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         64         0,1 mm
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %         55 ± 3 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         64         0,1 mm         0,5 mm²
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %         55 ± 3 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         64         0,1 mm         0,5 mm²         Stranded copper wire, bare
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire         Conductor type (wire)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %         55 ± 3 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         64         0,1 mm         0,5 mm²         Stranded copper wire, bare         strand class 6
Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation         Shore hardness wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9 mm         ± 5 %         TPE-E         8         1,6 mm         ± 5 %         55 ± 3 Shore D         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         64         0,1 mm         0,5 mm²         Stranded copper wire, bare

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Shore hardness wire insulation (Data)         158 ± 9 Shore D           Ingredient insenses wire insulation (Data)         Ised free. cadmium free, CFC free, halogen free, silicone free, LABS free           Amount vires (Data)         128           Dimarker of aling wires (Data)         0,1 mm           Conductor crosssection wire (Data)         1 mm?           Material conductor wire (Data)         1 mm?           Wire conductor (Pice (Data)         Stranded coper wire, bare           Wire conductor (Pice (Data)         Stranded coper wire, bare           Wire conductor (Pice (Data)         Stranded coper wire, bare           Current toad capacity min. Wire (Data)         15 A           Electrical resistance inno constant wire         39 Ω Nm @ 20 °C           Electrical resistance constant wire (Data)         20 AVm @ 20 °C           Max. rated voltage power (conductor - oround)         300 V           Max. rated voltage power (conductor - oround)         300 V           Max. rated voltage power (conductor - oround)         20 AV @ 0 n           Min. operating temperature (Sinci)         40 °C           Operating temperature (Sinci)         40 °C           Operating temperature min. (q)mamic)         40 °C           Operating temperature min. (q)mamic)         40 °C           Operating temperature min. (q)mamic)         90 °C	Tolerance outer diameter wire insulation (data)	±5%
Amount wires (Data)     3       Amount wires (Data)     128       Dimater of single wires (Data)     0,1 mm       Conductor crossescion wire (Data)     1 mm <sup>2</sup> Material conductor wire (Data)     stranded copper wire, bare       Wire conductor wire (Data)     stranded copper wire, bare       Current load capacity min. Wire (Data)     15 A       Current load capacity min. Wire (Data)     15 A       Electrical resistance line constant wire     39 0.½m @ 20 °C       Max. rated voltage power (conductor - ground)     300 V       Max. rated voltage power (conductor - ground)     300 V       Max. rated voltage power (conductor - ground)     300 V       Max. rated voltage power (conductor - ground)     300 V       Min. operating temperature (statc)     40 °C       Min. operating temperature (statc)     90 °C       Operating temperature max. (dynamic)     40 °C       Operating temperature max. (dynamic)     90 °C       Porating temperature max. (dynamic)     90 °C       Correntical esistance     Good. application-related testing       Gasolne resistance     Son.       Our editameter     180 °m <td>Shore hardness wire insulation (Data)</td> <td>55 ± 3 Shore D</td>	Shore hardness wire insulation (Data)	55 ± 3 Shore D
Amount strands wire (Data)         128           Diameter of single wires (Data)         0.1 mm           Onductor orsseeton wire (Data)         \$trand class 6           Concort load capacity (standard)         to INV VDE 0298-4           Current load capacity (standard)         15 A           Electrical resistance lone constant wire         39 DAm @ 20 °C           Electrical resistance consing wire (Data)         15 A           Electrical resistance consing wire (Data)         30 V           Max. rated voltage power (conductor · ground)         300 V           Max. rated voltage power (conductor · ground)         300 V           Max. rated voltage power (conductor · ground)         300 V           Power frequency withstand voltage power         24 V@ 60 s           Act withstand voltage power (with - wite)         24 V@ 60 s           Act woltage power (conductor · ground)         90 °C           Operating temperature (fixed)         90 °C           Plane resistance         Good, application-related testing           Our elistance         Good, application-related testing	Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Diameter of single wires (Data)         0,1 mm           Conductor crossection wire (Data)         1 mm <sup>2</sup> Mitraid conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         stranded class 6           Current load capacity (stranderd)         to DIN VDE 0298-4           Current load capacity min. wire (Data)         15 A           Electrical resistance line constant wire         39 O km @ 20 °C           Electrical resistance costing wire (Data)         20 O km @ 20 °C           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         20 V Ø 60 s           Affin coperating temperature (statc)         -40 °C           Operating temperature (statc)         -40 °C           Operating temperature (statc)         90 °C           Flame resistance         UL 1581 § 100 UL 1581 § 100 FT2   EC 60332-2-2           Operating temperature min. (dynamic)         40 °C           Operating temperature min. (dynamic)         10 °C           Electrical resistance         Good. application-related testing	Amount wires (Data)	3
Conductor orassection wire (Data)         1 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor yre (Data)         to DN VDE 0298-4           Current load capacity (standard)         to DN VDE 0298-4           Current load capacity (standard)         to DN VDE 0298-4           Current load capacity (in: wire)         5.9 A           Current load capacity (standard)         30 D/km @ 20 °C           Max rated voltage power (conductor - roground)         30 D/km @ 20 °C           Max rated voltage power (conductor - orgound)         500 V           Power frequency withstand voltage power (conductor - orgound)         500 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Operating temperature (static)	Amount strands wire (Data)	128
Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         strand dass 6           Current load capacity standard)         to DIN VDE 0298-4           Current load capacity min, wire         5.9 A           Electrical resistance coating wire (Data)         20 O/km @ 20 °C           Electrical resistance         500 V           Power frequency withstand voltage power (conductor - ground)         500 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Coperating temperature max. (dynamic)         90 °C           Porating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1000 / UL 1581 § 1100 FT2 / IEC 60332-2-2           Chemeting resistance	Diameter of single wires (Data)	0,1 mm
Wire conductor type (Data)         strand class 6           Current load capacity (int. wire)         to IN VDE 0298-4           Current load capacity (int. wire)         39 QKm @ 20 °C           Electrical resistance line constant twire         39 QKm @ 20 °C           Electrical resistance coating wire (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         500 V           Power fraguency withstand voltage power (conductor - ground)         2 kV @ 60 s           Mix. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Operating temperature (static)         -90 °C           Perater preparture (mix. (dynamic))         90 °C           Operating temperature (static)         -40 °C           Operating temperature (mix. (dynamic))         90 °C           Perater preparture mix. (dynamic)         90 °C           Operating temperature mix. (dynamic)         90 °C           Diresitance         Good, application-related testing           Banding radius (installation)         × Outer diameter           Bending radius (installation)         × Outer diameter           Bending radius (installation)         × Outer diameter           Bendin	Conductor crosssection wire (Data)	1 mm <sup>2</sup>
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire         5.9 A           Current load capacity min. Wire (Data)         15 A           Electrical resistance coaring wire (Data)         20 Ωkm @ 20 °C           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         500 V           Power frequency withstand voltage power (conductor - sono V         600 V           Power frequency withstand voltage power (ref. wire)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. grade voltage power (conductor - do of C         00 °C           Operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Gaustine resistance         UL 1581 § 1100 FT2   EC 6032-2-2           Chemical resistance         Good, application-related testing           Ol resistance         Good, application-related testing           Ol resistance         Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (dynamic)         10 x Outer diameter	Material conductor wire (Data)	Stranded copper wire, bare
Current load capacity min. wire         5,9 A           Current load capacity min. Wire (Data)         15 A           Electrical resistance coating wire (Data)         20 Q.Mr @ 20 °C           Electrical resistance coating wire (Data)         20 Q.Mr @ 20 °C           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         500 V           Power frequency withstand voltage power (conductor - conductor)         500 V           Power frequency withstand voltage power (wire - wire)         2 KV @ 60 s           Min. operating temperature (static)         -40 °C           Max. aperating temperature (static)         -40 °C           Operating temperature min. (dynamic)         -40 °C           Operating temperature max. (dynamic)         90 °C           Filter resistance         ULI 1581 § 1000 FIZ [EC 60332-2           chemical resistance         Good, application-related testing           Gasoline resistance         DIN EN 60811-404 [ Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (installation)         10 × Outer diameter           Bending radius (installation)         55 Mio.           Torsion stress         ± 180 °/m	Wire conductor type (Data)	strand class 6
Current load capacity min. Wire (Data)         15 A           Electrical resistance line constant wire         39 Ωkm @ 20 °C           Electrical resistance coating wire (Data)         20 Qkm @ 20 °C           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         500 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (statio)         -40 °C           Operating temperature (statio)         -40 °C           Operating temperature (statio)         90 °C           Flame resistance         Go d, application-related testing           Gasoline resistance         Go do, application-related testing           Gasoline resistance         Go dord, application-related testing           Bending radius (fixed)         × Outer diameter           Bending radius (fixed)         × Outer diameter           Bending radius (grownic)         10 × Outer diameter           Bending radius (grownic)         10 × Outer diameter           No. of poles         13           Tarsin stress         180 °/m           Concection type         5	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire         39 Ω/km @ 20 °C           Electrical resistance coaling wire (Data)         20 Ω/km @ 20 °C           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         500 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 (fixed)         90 °C           Operating temperature (fixed)         90 °C           Operating temperature (fixed)         90 °C           Porating temperature (fixed)         90 °C           Constance         UL 1581 § 1000 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         DIN EN 60811-404 (Good, application-related testing           Oli resistance         DIN EN 6081-404 (Good, application-related testing           Oli resistance         DIN EN 6081-404 (Good, application-related testing           No. of torsion cycles         0.5 Mio.           Torsion stress         ± 180 °/m           Electrical (fixed)         x Outer diameter           Bending radius (fixed)         0.5 Mio.           Torsion stress         ± 180 °/m           Electrical end	Current load capacity min. wire	5,9 A
Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         500 V           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (static)         -40 °C           Operating temperature (static)         -40 °C           Operating temperature (wire)         90 °C           Operating temperature (wire)         90 °C           Operating temperature max. (dynamic)         90 °C           Operating temperature max. (dynamic)         90 °C           Filame resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (gynamic)         10 x Outer diameter           No. of torsion cycles         0.5 Mio.           Torsion stress         ± 180 °T           Torsion stress         ± 180 °T           Torsion struction form         free cable end	Current load capacity min. Wire (Data)	15 A
Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - ground)       500 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Max. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Operating temperature max. (dynamic)       90 °C         Operating temperature max. (dynamic)       90 °C         Commic resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Oil resistance       DiX Outer diameter         Bending radius (stratalistion)       × Outer diameter         Bending radius (stratalistion)       x Outer diameter         No. of poles       11         Family constructin form       free cable end	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Max. rated voltage power (conductor - conductor - conductor)       500 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (fixed)       90 °C         Operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -40 °C         Max. operating temperature min. (dynamic)       90 °C         Operating temperature max. (dynamic)       90 °C         Operating temperature max. (dynamic)       90 °C         Operating temperature max. (dynamic)       90 °C         Gasoline resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (fixed)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         No. of poles       11         Family construction form       free cable end         No. of poles       13         Family construction form       M12         Gender       female </td <td>Electrical resistance coating wire (Data)</td> <td>20 Ω/km @ 20 °C</td>	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
conductor)sourPower frequency withstand voltage power (wire - jackel)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (isked)90 °COperating temperature (isked)90 °COperating temperature (isked)90 °CFiame resistanceUL 1581 § 100 JUL 1581 § 1100 FT2 JEC 60332-2-2Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingBending radius (installation)x Outer diameterBending radius (installation)x Outer diameterBending radius (installation)10 x Outer diameterNo. of torsion cycles0,5 Mio.Torsion stress11Family construction formfree cable endNo. of poles13Family construction formHie cable endNo. of poles5Family construction formHieMin2GenderIemaleColoriant carrierblackColoriant carrierblackColoriant carrierblackColoriant carrierblackPiN 1+PiN 2NC S 2PiN 4NO S 1	Max. rated voltage power (conductor - ground)	300 V
(wire - jacket)         2 kV @ 00 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1900  UL 1581 § 1100 FT2  EC 60332-2-2           Chemical resistance         Good. application-related testing           Gasoline resistance         Good. application-related testing           Gasoline resistance         Cood. application-related testing           Bending radius (installation)         × Outer diameter           Bending radius (installation)         × Outer diameter           No. of torsion cycles         0,5 Mio.           Torsion stress         ± 180 °/m           Earnity construction form         free cable end           No. of poles         11           Family construction form         free cable end           No. of poles         13           Family construction form         M12 </td <td></td> <td>500 V</td>		500 V
Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         90 °C           Operating temperature min. (dynamic)         -40 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (kixed)         x Outer diameter           Bending radius (kixed)         x Outer diameter           Bending radius (kixed)         x Outer diameter           No. of torsion cycles         0,5 Mio.           Torsion stress         ± 180 °/m           Connection type 3         Tere cable end           No. of poles         11           Family construction form         free cable end           No. of poles         13           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5 </td <td></td> <td>2 kV @ 60 s</td>		2 kV @ 60 s
Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       40 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1000   UL 1581 § 1100 FT2   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (installation)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         No. of torsion cycles       0,5 Mio.         Torsion stress       ± 180 °/m         Connection type 3       Family construction form         Family construction form       free cable end         No. of poles       13         Family construction form       free cable end         No. of poles       5         Olor contact carrier       black         Coding       A         No. S 2       PIN 1         #       PIN 2         PIN 3       -	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic)       -40 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60011-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (fixed)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Bending radius (fixed)       x Outer diameter         Family construction form       <	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         DIN EN 60811-404   Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (kiked)         x Outer diameter           Bending radius (kiked)         x Outer diameter           No. of torsion cycles         0,5 Mio.           Torsion stress         ± 180 °/m           Connection type 3           Family construction form         free cable end           No. of poles         11           Family construction form         free cable end           No. of poles         13           Family construction form         free cable end           No. of poles         13           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2 <td>Max. operating temperature (fixed)</td> <td>90 °C</td>	Max. operating temperature (fixed)	90 °C
Flame resistanceUL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (installation)x Outer diameterBending radius (installation)10 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Operating temperature min. (dynamic)	-40 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (installation)x Outer diameterBending radius (ixed)x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Operating temperature max. (dynamic)	90 °C
Gasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)× Outer diameterBending radius (fixed)× Outer diameterBending radius (dynamic)10 × Outer diameterNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
Oil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	chemical resistance	Good, application-related testing
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Bending radius (dynamic)10 x Outer diameterNo. of torsion cycles0.5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1		x Outer diameter
No. of torsion cycles0,5 Mio.Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (fixed)	x Outer diameter
Torsion stress± 180 °/mConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (dynamic)	10 x Outer diameter
Connection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of torsion cycles	0,5 Mio.
Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Torsion stress	± 180 °/m
No. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Connection type 3	
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No. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	11
Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	13
Color contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	M12
Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	Gender	female
No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	Color contact carrier	black
PIN 1     +       PIN 2     NC S 2       PIN 3     -       PIN 4     NO S 1	Coding	A
PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	No. of poles	5
PIN 3         -           PIN 4         NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE

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: 2024-04-20

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