

## MQ15 female 0° with cable 600V AC type 3

PUR 4x1.5 bk UL/CSA+drag ch. 10m

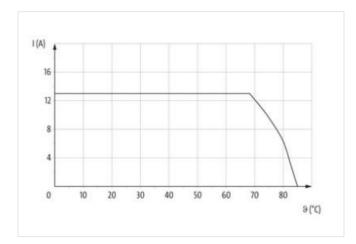
Female straight MQ15, 4-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

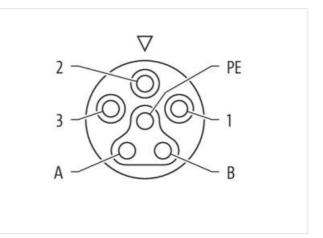
## Link to Product

## Illustration



~	BK 1	
2	BK 2	
2	BK 3	
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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: 2024-05-09





Product may differ from Image



Cable length	10 m
Side 1	
Mounting method	inserted, locked
Coating contact	silver-plated
Family construction form	MQ15
suitable for corrugated tube (internal $Ø$ )	18 mm
Material contact	Copper alloy
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Stripping length (jacket)	100 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879909280
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	13 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	100 mm

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## Installation | Pin assignment

Configuration     party used       Device protection   Electrical       Additional condition protection degree     inserted, locked       Pollution Degree     3       Patied surge vallage     6 kV       Material group (IEC 60664.1)     1       Mechanical data [Material data]     Material contact carrier       PA     PA       Locking rediction laterial carrier     PA       Locking rediction carrier     PA       Locking redictian [Mounting data]     Material contact carrier       Mechanical data [Mounting data]     PA       Locking rechniques     bayonel-locking       Environmental characteristics [ Climatic     PA       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     EC 61076-2-116       Installation [ Cable     UB       Poduct standard     EC 61076-2-116       Installation [ Cable     UB       Jacker Color     Jacker Color       Jacker Color     Jacker Color       Jacker Color     Jacker Col	Installation   Pin assignment	
Device protection   Electrical     Vester status       Additional condition protection degree     9       Palad argy voltage     6       Raide argy voltage     6       Material group (FE Godde-1)     1       Material arginature (FE Godde-1)     1       Material arginature (FE Godde-1)     PA       Material arginature (FE Godde-1)     POM       Orgenating temperature man.     90 °G       Orgenating temperature man.     90 °G       Additional compition temperature range     depending on cable quality       Orderating temperature man.     90 °G       Additional Cable     FE       Cable doelno     He (Foldation Maco)       Additional Cable     FE       Cable doelno / He (Foldation Maco)     Idade Sodde-1	Coding	Туре 3
Additional condition protection degreeinserted, lockedPathutson Degree3Read surge votege6 k/VMaterial proof (EC 00064-1)1Rechanical data [Material catPAMaterial notantic carrierPAMaterial notantic carrierPAMaterial contrantic carrierPADesting materialByonet-lockingMaterial contrantic carrierPADesting integreeByonet-lockingEnvironmental characteristics [Climat:Environmental characteristics [Climat:Environme	Configuration	partly used
Pailulan Dayoe     3       Raid argov Ritige     6 kV       Material group (IEC 8064-1)     1       Material folia (IEC 8064-1)     PIN       Material consult Carrier     PA       Locking material argon (IEC 8064-1)     PIN       Material consult Carrier     PA       Locking material     POM       Machanical data [Mounting data     Locking material       Locking techniques     byonet-locking       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     88 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Product standard     IEC 81078-2-116.       Instaliation   Cable     IEC 81078-2-116.       Cable Tope     3       Printing color of wire invaluation     with (solation black)       Jacket Color     Black       Type of Certificate     QE/B so       Arount stranding     1       Stranding wire invaluation     y so sone A       Record Toming reducer stranding     1       Tareversing distance (Chrac	Device protection   Electrical	
Batel surge voltage     6 kV       Material proop (FEC 60064-1)     1       Material proop (FEC 60064-1)     1       Material contact carrier     PA       Cocking material     POM       Material contact carrier     PA       Locking material     POM       Material contact carrier     PA       Locking temperature max     Bayonal-locking       Environmental Characteristics   Climatic     Contact carrier       Operating temperature max     B5 °C       Additional condition temperature range     General ge	Additional condition protection degree	inserted, locked
Material group (IEC 60964-1)     I       Mechanical data (Material data       Metarial contact carrier     PA       Locking material     POM       Mechanical data (Mounting data     PoM       Depending temperature max     85°C       Operating temperature max     85°C       Podical standard     EC 61076.2-116       Installation I Cable     Environmental Chabacteristical (Material data)       Podical standard     EC 61076.2-116       Installation I Cable     Ecolo 1076.2       Cable definition     P16       Cable Type of Cartifact     CHRus       Amount stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Material Josek     PUR       Stranding     1       Stranding     1 </td <td>Pollution Degree</td> <td>3</td>	Pollution Degree	3
Material contair     PUR       Material contair     PA       Lacking material     POM       Material contair     POM       Material contair     Sayon1oking       Material contair     Sayon1oking       Exvironmental characteristics [Climatic     Sayon1oking       Operating temperature max.     85°C       Additional condition temperature range     depending on cable quality       Contomity     EC 61076-2-116       Protection of Cable     EC 61076-2-116       Statistion of Cable     EC 61076-2-116       Cable dentificance     P16       Cable dentificance     VIIII       Cable dott     Back       Type of Carlificata     URus       Additional condition     P16       Stranding     4 wires twisted       Additional condition     P16       Stranding     9 2 %C       Cable tentificata     URus       Additional condition     P16       Stranding     9 2 %C       Cable tentificata     URus       Stranding     9 2 %C       Carustoustance (C+raok) </td <td>Rated surge voltage</td> <td>6 kV</td>	Rated surge voltage	6 kV
Material nousingPURMaterial contact carrierPALocking networkPOMMaterial contact carrierPOMMaterial contact carrierbayonel-lockingMaterial contact carrierbayonel-lockingEnvironmental characteristics   ClimatSo °COperating temperature man.30 °COperating temperature man.85 °CAdditional condition temperature rangedepending on cable qualityContornityEnvironmental characteristics   ClimatProduct standardEC 6 1076-2-116Installication   CableEnvironmental characteristicsCable identification   Cable16 C 6 1076-2-116Cable identification   Cable91 6Cable identification   Cable identification   Cabl	Material group (IEC 60664-1)	I
Material contact carrier     PA       Locking material     POM       Mechanical data [ Mounting data     Locking material       Locking material     bayonet.locking       Environmental characteristics   Climatic     Environmental characteristics   Climatic       Deparating imperature man.     65 °C       Additional condition temperature range     depending on cable quality       Conformity     Environmental Cable       Cable identification     P16       Cable identification     P16       Cable identification     P16       Cable identification     Vie (solation black)       Jacket Color     black       Type of Certificate     culfBus       Anount stranding     1       Stranding     4 wives twisted       wite arrangement     grees velow, black 3, black 2, black 1       Traversing distance (C-rack)     5 m2 p2 °C       Cable weight     114.4 g/m       Material jack     PP       Anount stranding     1       Cable weight     12.5 %n       Store hardness jacket     90 ± 5 Store A       Freadom form imgredients (jacked)	Mechanical data   Material data	
Material contact carrier     PA       Locking material     PCM       Machanical cdail / Mounting data     bayonet.locking       Environmental characteristics / Climatic     Environmental characteristics / Climatic       Operating imperature man.     -30 °C       Operating imperature man.     85 °C       Additonal condition temperature range     depending on cable quality       Conternity     Environmental Cable       Cable identification     P16       Cable identification     P16       Cable identification     P16       Cable Type     3       Printing color drive insulation     White (isolation black)       Jacket Color     black       Type of Certificate     culRus       Anount stranding     1       Traversing distance (C-track)     5 m @ 25 °C       Cable weight     114.4 g/m       Material jackit     PU       Shore hardness jacket     90 ± 5 Shore A       Freadom train ingedients (jacket)     15 %       Material twine insulation     2.3 mm       Culer diameter insulation     2.3 Shore D       Cable weinsulation	Material housing	PUR
Mechnical data   Mounting data       Locking techniques     bayonet-locking       Environmental characteristics   Climatic     Deparating ingenerature max.       B5 °C     Concention       Operating ingenerature max.     B5 °C       Additional condition temperature range     depending on cable quality       Conformity     EC 61076-2-116       Institution   Cable     EC 61076-2-116       Cable infination     P16       Cable infination     P16       Cable infination     White (isolation biack)       Jacket Color     Dalack       Dype of Certificat     CUFus       Amount stranding     1       Stranding     4 wires twisted       Wares Invasition     Sm @ 25 °C       Cable wigh     114.4 µm       Material jackot     PUR       Shore hordness jacket     90.5 Shore A       Freedom from ingredients (jacket)     2.4 mm       Cuter diameter (sheath)     5 %       Material jackot     PP       Totarchoes jacket     90.5 Shore A       Freedom from ingredients (jacket)     2.4 mm       Cuter diameter (sh	Material contact carrier	PA
Looking tochniques     bayonet looking       Environmental characteristics [ Climatic     30 °C       Operating temperature min.     30 °C       Operating temperature man.     85 °C       Additional condition temperature range     depending on cable quality       Contention     EC 1076-2-116       Ensitelation [ Cable     EC 1076-2-116       Installation [ Cable dentification     P16       Cable identification     Mile (solation black)       Cackel Color     black       Cable Color (Sation Black)     Calcel Color (Sation Black)       Cable Color     black       Type of Certificate     CUFUs       Amount atranding     1       Standing     4 wires twisted       wire arragement     green-yellow black 3, black 2, black 1       Traversing distance (C-track)     S m Ø 25 °C       Cable weight     114.4 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 °S hore A       Freedom from ingradions (jacket)     Is 4 °M       Material wire insulation     PP       Additional conce one insulation     2.5 %	Locking material	POM
Environmental characteristics ( Climatic       Operating temperature min.     30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conormity     E       Product standard     EC 61076-2-116       Installation   Cable     E       Cable identification     P16       Cable identification     Write (Isolation Iblack)       Zacket Color     black       Type of Certificate     cUFus       Amount stranding     1       Stranding     yriee rayellow, black 3, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weight     114.4 ym       Material jacket     PUF       Stranding     90 ± 5 Shore A       Freedom from ingeidents (jacket)     7.2 mm       Tolerance outer diameter (sheath)     ± 5 %       Chard diameter insulation     PP       Adverative insulation     £ 5 %       Shore hardness via insulation     £ 5 %       Cable weight     14.4 ym       Material wire insulation     £ 5 %       Duter d	Mechanical data   Mounting data	
Operating temperature max.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Concernity     EC 61076-2-116       Installational Cable     EC 61076-2-116       Installation (Cable     916       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     Jack       Operating temperature may.     generative may.       Additional Color     Jacket Color       Vire of Certificate     cURus       Anount stranding     1       Stranding     4 wires bristed       Wire arrangement     green-yellow, black 3, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weigh     114.4 g/m       Material jacket     PUR       Store hardness jacket     90 1.5 Shore A       Freedom from ingredients (jacket)     Is 3/*       Outer diameter (isolation     15 %       Chardemeter insulation     2.5 %       Chardemeter insulation     15 %       Shore hardness wire insulation <t< td=""><td>Looking techniques</td><td>bayonet-locking</td></t<>	Looking techniques	bayonet-locking
Operating temperature max.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Concernity     EC 61076-2-116       Installational Cable     EC 61076-2-116       Installation (Cable     916       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     Jack       Operating temperature may.     generative may.       Additional Color     Jacket Color       Vire of Certificate     cURus       Anount stranding     1       Stranding     4 wires bristed       Wire arrangement     green-yellow, black 3, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weigh     114.4 g/m       Material jacket     PUR       Store hardness jacket     90 1.5 Shore A       Freedom from ingredients (jacket)     Is 3/*       Outer diameter (isolation     15 %       Chardemeter insulation     2.5 %       Chardemeter insulation     15 %       Shore hardness wire insulation <t< td=""><td>Environmental characteristics   Climatic</td><td></td></t<>	Environmental characteristics   Climatic	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     IEC 61076-2-116       Installation [Cable     EC       Cable identification     P16       Cable identification     P16       Cable identification     P16       Cable identification     P16       Cable identification     White (isolation black)       Jacket Color     Dlack       Type of Cartificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     green-yellow, black 3, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weight     114,4 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     12 5 %       Cuber-digater     7.2 mm       Tolerance outer diameter (sheath)     1 5 %       Shore hardness jacket     90 ± 5 Shore D       Outer diameter insulation     PP       Amount wires     4       Outer		
Additional condition temperature range     depending on cable quality       Contornity     EC 61076-2-116       Installation   Cable     EC 61076-2-116       Installation   Cable     P16       Cable distification     P16       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Calor     black       Type of Certificate     culRus       Annount stranding     1       Stranding     4 wires twisted       wire arrangement     green-yellow, black 3, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weight     114.4 g/m       Material jacket     PUR       Store hardness jacket     90 ± 5 Shore A       Freedom from ingrecients (jacket)     12e 5 %       Material wire insulation     PP       Annount wires     4       Outer diameter insulation     PP       Annount wires     4       Outer diameter insulation     62 5 %       Duter diameter insulation     62 5 Shore D       Ingredient I freences wire insulation     62 5 %  <		
Conformity     EC 61076-2-116       Installation   Cable     EC 61076-2-116       Cable direntification     P16       Cable direntification     P16       Cable Type     3       Printing color of wire insulation     white (solation black)       Jacket Color     black       Type of extificate     cUBus       Amount stranding     1       Stranding     4 wires twisted       wire arangement     green-yellow, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weigt     114.4 g/m       Material jacket     PUR       Shore harbness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     2.3 rm       Outer diameter (jacket)     2.3 rm       Outer diameter fusulation     2.4 Fwc.       Outer diameter fusulation     2.4 Fwc.       Outer diameter fusulation     6.4 5 Shore D       Outer diameter fusulation     6.4 5 Shore D       Outer diameter insulation     4.4 5 5 %       Shore hardness wir		
Product standard     IEC 81076-2:116       Installation   Cable       Cable identification     P16       Cable identification     W16       Cable identification     W16       Cable identification     W16       Cable identification     W16       Cable insulation     W16       View arrangement     green-yellow, black 3, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weight     114.4 g/m       Material jacket     PUR       Shore hardmess jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     7.2 mm       Tolerance outer diameter (jacket)     7.2 mm       Outer diameter insulation     90 ± 5 Shore D       Ingredient freeness wire insulation     61 ± 5 %       Shore hardmess wire insulation     91 ± 5 %	· · · ·	
Installation [Cable       Cable identification     P16       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     green-yellow, black 3, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weigth     114,4 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer -diameter (jacket)     7.2 mm       Tolerance outer diameter (sheath)     ± 5 %       Nonunt wires     4       Outer diameter tolerance core insulation     £ 5 %       Shore hardness wire insulation     16 ± 5 S hore D       Ingredient		
Cable identification     P16       Cable Type     3       Printing color of wire insultation     while (isolation black)       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     green-yellow, black 2, black 1       Traversing distance (C-track)     5 m @ 25 °C       Cable weigth     114.4 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     12.2 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter (sheath)     ± 5 %       Shore hardness wire insulation     2.3 mm       Outer diameter insulation     60 ± 5 Shore D       Ingredient freeness wire insulation     60 ± 5 Shore D       Ingredient freeness wire insulation     60 ± 5 Shore D       Ingredient freeness wire insulation     what (solation black)       Amount strands (wire)     84       Diameter of single wires <td></td> <td>IEC 61076-2-116</td>		IEC 61076-2-116
Cable Type 3   Printing color of wire insulation white (isolation black)   Jacket Color black   Type of Certificate cURus   Amount stranding 1   Stranding 4 wires twisted   wire arrangement green-yellow, black 2, black 1   Traversing distance (C-track) 5 m @ 25 °C   Cable weigh 114.4 g/m   Material jacket PUR   Shore hardness jacket 90 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Outer-diameter (slackt) 2.2 mm   Tolerance outer diameter (sheath) ± 5 %   Shore hardness wire insulation PP   Amount wires 4   Outer diameter (sheath) ± 5 %   Shore hardness wire insulation 2.3 mm   Outer diameter insulation 2.3 mm   Outer diameter insulation 2.3 mm   Outer diameter insulation 60 ± 5 Shore D   Ingredient freeness wire insulation ked-free, cAdmium-free, CFC-free, halogen-free, silicone-free   Printing color of wire insulation white (isolation black)   Arnount wires 4   Outer diameter insulation ket-free, cadmium-free, CFC-free, halogen-free, silicone-free   Printing color of wire		
Printing color of wire insulation   white (isolation black)     Jacket Color   black     Type of Certificate   CJRus     Amount stranding   1     Stranding   4 wires twisted     wire arrangement   green-yellow, black 3, black 2, black 1     Traversing distance (C-track)   5 m @ 25 °C     Cable weigth   114,4 g/m     Material jacket   PUR     Shore hardness jacket   90 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer-diameter (jacket)   7.2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   4     Outer diameter insulation   2,3 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   60 ± 5 Shore D     Ingredient freeness wire insulation   84     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   60 ± 5 Shore D     Ingredient freeness wire insulation   84     Diameter of single wires   0,15 mm     Conductor crosssecti		
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementgreen-yellow, black 3, black 2, black 1Traversing distance (C-track)5 m @ 25 °CCable weigth114.4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket) $2,3 mm$ Tolerance outer diameter (sheath) $\pm 5 %$ Material wire insulationPPAmount wires4Outer diameter tolerance core insulation $\pm 5 %$ Shore hardness wire insulation $60 \pm 5$ Shore DIngredient free, sellation $\pm 5 %$ Shore hardness wire insulation $60 \pm 5$ Shore DIngredient free soult in isolation $4 free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulation60 \pm 5 Shore DShore hardness wire insulation60 \pm 5 Shore DIngredient freeness wire insulationki (solation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor vireStranded copper wire, bareConductor type (wire)strande copper wire, bareConductor type (wire)$		
Type of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementgreen-yellow, black 3, black 2, black 1Traversing distance (C-track)5 m @ 25 °CCable weigth114.4 g/mMaterial jacketPURShore hardness jacket90 $\pm$ 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,2 mmTolerance outer diameter (sheath) $\pm$ 5 %Material jacketPPAmount wires4Outer diameter tolerance core insulation $\pm$ 5 %Shore bardness wire insulation $\oplus$ $\pm$ 5 %Shore D119.4 (solation black)Outer diameter tolerance core insulation $\pm$ 5 %Shore D1.5 Shore DIngredient freeness wire insulation $\oplus$ $\pm$ 5 %Shore D1.6 free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulation $\oplus$ $\pm$ 5 %Shore D1.6 free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulation $\oplus$ $\pm$ 5 %Shore D1.6 free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulation $\oplus$ $\pm$ 5 %Conductor wires0.15 mmConductor wire1.5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)5 franded copper wire, bareConductor type (wire)Strande copper wire, bareConductor type (wire)Strande c		
Amount stranding1Stranding4 wires twistedwire arrangementgreen-yellow, black 3, black 2, black 1Traversing distance (C-track)5 m @ 25 °CCable weigth114,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation£ 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient feeness wire insulation60 ± 5 Shore DIngredient freeness wire insulation60 ± 5 Shore DIngredient freeness wire insulation84Diameter of single wires0,15 mmConductor orizes core (wire)1,5 mm²Conductor vireStranded copper wire, bareConductor vireStranded copper wire, bareConductor vireStranded cosper wire, bareConductor vireStranded cosper wire, bareConductor vireStranded cosper wire, bareConductor vireStranded cosper wire, bareNominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4		
Stranding   4 wires twisted     wire arrangement   green-yellow, black 3, black 2, black 1     Traversing distance (C-track)   5 m @ 25 °C     Cable weigth   114,4 g/m     Material jacket   PUR     Shore hardness jacket   90 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer-diameter (jacket)   7.2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   4     Outer diameter tolerance core insulation   £ 5 Nore D     Ingredient freeness wire insulation   60 ± 5 Shore D     Ingredient freeness wire insulation   60 ± 5 Shore D     Ingredient freeness wire insulation   84     Diameter of single wires   0,15 mm     Conductor rorssection (wire)   1,5 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   stranded copper wire, bare     Conductor type (wire)   tottnd lass 6     Nominal voltage AC max.   1000 V		
vire arrangementgreen-yellow, black 3, black 2, black 1Traversing distance (C-track)5 m @ 25 °CCable weigth114,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation2,3 mmOuter diameter lolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationk1 5 %Shore hardness wire insulationk2 5 Shore DIngredient freeness wire insulationk6 ± 5 Shore DIngredient freeness wire insulationk84Diameter of single wires0,15 mmConductor rosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	-	
Traversing distance (C-track)5 m @ 25 °CCable weigth114,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter folerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor wireStranded copper wire, bareConductor type (wire)Strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4		
Cable weigth114,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation2,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulation60 ± 5 Shore DIngredient freeness wire insulationHead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mm²Conductor corsessection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4		
Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     7.2 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter insulation     2,3 mm       Outer diameter insulation     2,3 mm       Outer diameter insulation     60 ± 5 Shore D       Ingredient freeness wire insulation     60 ± 5 Shore D       Ingredient freeness wire insulation     kead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Printing color of wire insulation     white (isolation black)       Amount strands (wire)     84       Diameter of single wires     0,15 mm       Conductor crossection (wire)     1,5 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Nominal voltage AC max.     1000 V       Current load capacity (standard)     to DIN VDE 0298-4		
Andreess jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,2 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation±,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 5 %Ingredient freeness wire insulation± 5 %Printing color of wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor rosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4		
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Outer-diameter (jacket)     7,2 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter insulation     2,3 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     60 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Printing color of wire insulation     white (isolation black)       Amount strands (wire)     84       Diameter of single wires     0,15 mm       Conductor or wire     Stranded copper wire, bare       Conductor vire     Stranded copper wire, bare       Conductor vire)     strand class 6       Nominal voltage AC max.     1000 V       Current load capacity (standard)     to DIN VDE 0298-4		
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Material wire insulation     PP       Amount wires     4       Outer diameter insulation     2,3 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     60 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Printing color of wire insulation     white (isolation black)       Amount strands (wire)     84       Diameter of single wires     0,15 mm       Conductor crosssection (wire)     1,5 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Nominal voltage AC max.     1000 V       Current load capacity (standard)     to DIN VDE 0298-4		·
Amount wires4Outer diameter insulation2,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	I olerance outer diameter (sheath)	
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Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Amount wires	4
Shore hardness wire insulation60 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer diameter insulation	·
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Printing color of wire insulationwhite (isolation black)Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4	Shore hardness wire insulation	
Amount strands (wire)84Diameter of single wires0,15 mmConductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.1000 VCurrent load capacity (standard)to DIN VDE 0298-4		
Diameter of single wires 0,15 mm   Conductor crosssection (wire) 1,5 mm <sup>2</sup> Material conductor wire Stranded copper wire, bare   Conductor type (wire) strand class 6   Nominal voltage AC max. 1000 V   Current load capacity (standard) to DIN VDE 0298-4	-	
Conductor crosssection (wire)   1,5 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Nominal voltage AC max.   1000 V     Current load capacity (standard)   to DIN VDE 0298-4		
Material conductor wire Stranded copper wire, bare   Conductor type (wire) strand class 6   Nominal voltage AC max. 1000 V   Current load capacity (standard) to DIN VDE 0298-4		
Conductor type (wire) strand class 6   Nominal voltage AC max. 1000 V   Current load capacity (standard) to DIN VDE 0298-4	· · ·	
Nominal voltage AC max. 1000 V   Current load capacity (standard) to DIN VDE 0298-4		
Current load capacity (standard) to DIN VDE 0298-4		
Current load capacity min. wire 14,4 A		
	Current load capacity min. wire	14,4 A

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Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cvcles/min

Torsion speed

35 cycles/min

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