

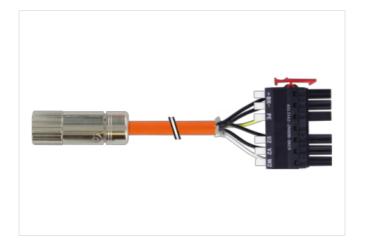
## M23 SERVO CABLE

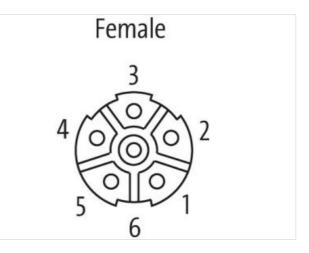
Specification: 6FX8002-5DS06-1CF0

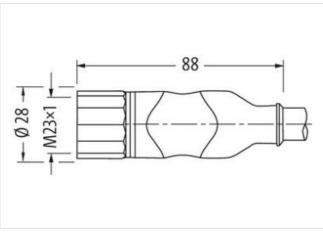
Female straight – pre-wired terminals M23, 6-pole shielded Power connector SIEMENS Power cable with brake wires for SINAMICS S120 and motors with M23 connection and holding brake without cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Power cores: 12 A (1.5 mm<sup>2</sup>), 15 A (2.5 mm<sup>2</sup>); brake cores: 5 A (1.5 mm<sup>2</sup>)

## Link to Product

## Illustration







Product may differ from Image

Cable length	25 m	
Side 1		
Tightening torque	2 Nm	
Family construction form	M23	
Thread	M23 x 1	

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suitable for corrugated tube (internal Ø)	16 mm
Width across flats	SW27
Side 2	
Family construction form	M23
suitable for corrugated tube (internal Ø)	23 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-0.1 ECLASS-7.0	27279218
ECLASS-7.0 ECLASS-8.0	27279218
ECLASS-0.0 ECLASS-9.0	27060327
ECLASS-3.0 ECLASS-10.1	27060327
ECLASS-10.1 ECLASS-11.1	
ECLASS-11.1 ECLASS-12.0	27060311 27060327
ECLASS-12.0 ETIM-5.0	EC000830
customs tariff number	85444290 4048879696029
Packaging unit	1
Electrical data   Supply	
Dperating voltage AC per power contact max.	600 V
Operating voltage AC per signal contact max.	250 V
Operating voltage DC per power contact max.	600 V
Operating voltage DC per signal contact max.	250 V
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage power contacts	4 kV
Rated surge voltage signal contacts	2 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
Coating locking	nickel plated
Material gasket	FKM
Material housing	PUR
_ocking material	Brass
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Dperating temperature min.	-25 °C
Operating temperature max. Additional condition temperature range	85 °C
	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable	
Cable identification	821
Function cable	Hybrid, Signal, Power
Jacket Color	orange

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Stranding         2 mores with Filter wited           Stranding tryop 2         4 wires with Filter anound Stranding combination twisted           Cable shelding (type)         capter back, finned           Barding         Fiber type. Feed., Foll           Filter         yes           wire arrangement         Elask, withel, back WLS.DL, back ULI.LC.L. black VL2.green-yellow)           Cable weigh         TMPU           Freadom from impredients (jabed)         TMPU           Carler dimenter (jabed)         1.1 3 rm           Tolerance outer dimenter (jabed)         1.5 %           Material insche         2           Outer dimenter (jabed)         1.5 %           Material vir insulation         TPM           Amount triands (wire)         8.4 mm           Outer dimenter brandem         0.15 mm           Canded dimenter outer brandem         5.5 %           Canded dimenter outer brandem         5.5 %           Cander dimenter outer brandem         5.5 %           Cander dimenter outer brandem         5.5 %           Cander dimenter outer brandem <t< th=""><th>Amount stranding</th><th>1</th></t<>	Amount stranding	1
Stranding (type 2)         4 wires with Filler anound Stranding combination twisted           Cable shalling (type)         copper braid, tinned           Cable shalling (coverage)         85 %           Pair Shilding (type)         copper braid, tinned           Banding         Pher table, Pleace, Foll           Filer         yes           warrangement         black, white, (black WL3DL-, black UL1/CL+, black VL2, green yellow)           Cable weigh         231 g/m           Material packet         TMPU           Freedom from ingradients (jacket)         1.1, 3 mn           Tockerne outer diventer (stacket)         1.5 %           Material packet         PM           Toreance outer diventer (stacket)         1.5 %           Material packet         PM           Toreance outer diventer (stacket)         1.5 %           Material packet         PM           Toreance outer diventer (stacket)         1.5 %           Cable diventer insulation         2.4 mn           Cable diventer insulation         2.5 %           Torean couter diventer insulation         5 %           Conductor wire insulation         5 %           Conductor wire insulation         2.5 %           Conductor type (wire)         stand dose 5 <t< td=""><td>Stranding</td><td>2 wires with Filler twisted</td></t<>	Stranding	2 wires with Filler twisted
Cable sheking (type)         opper braid, trined           Cable sheking (coverage)         85 %           Pair helding (type)         opper braid, frined           Banding         Fibe trap, Fleoc, Foll           Filer         yes           with a strongerment         black, while, (black WL3DL, black UL1rCL+, black VL2, green yellow)           Cable weigh         231 gm           Maderall jacks         TMPU           Cable weigh         231 gm           Maderall jacks         11.3 Tm           Tolerance outer diameter (heath)         5 %           Marcall weigh         2.4 mm           Outer diameter (heath)         5 %           Marcall weigh         8.4 free, CFC free, halogen free, silcone-free           Outer diameter (heath)         1.5 %           Improdent treeness wire insulation         1.4 free           Outer diameter (heath)         1.5 %           Improdent treeness wire insulation         1.5 mm!           Conductor tops section (wire)         1.5 mm!           Conductor tops section (wire)         1.5 mm!           Material conductor (Power)         2.4 mm           Outer diameter weir insulation (Power)         2.4 mm           Outer diameter weir insulation (Power)         2.4 mm	Amount stranding (type 2)	1
Cable stelling (coverage)         85 %           Par shelding (type)         copper back fined           Par shelding (type)         copper back, fined           Bandrag         Fiber tape, Fieldon, Fold           Filler         Ves           wire arrangement         black, white, (black WL3:DL, black UL1:CL+, black VL2; green yellow)           Cable weight         231 g/m           Material jarxet         TMU           Freezoon from ingredients (jackut)         1:3 mm           Toerance outer diventer (steam)         1:5 %           Material and wei nucleation         2           Otare diameter instantion         2.4 mm           Outer diameter tolerance core insulation         1:4 mm           Outer diameter tolerance core insulation         1:4 mm           Combutor vise         2           Outer diameter tolerance core insulation         1:4 mm           Combutor vises         8:4           Diameter of single wise         0:5 mn           Conductor vises weich insulation (Power)         1:5 mm           Conductor vises existion (Power)         1:5 mm           Conductor vise insulation (Power)         1:5 mm           Conductor vise insulation (Power)         1:5 mm           Tolerance vise insulation (Power)         1:5	Stranding (type 2)	4 wires with Filler around Stranding combination twisted
Pair shelding (type)         copper bried, tinned           Banding         Fiber tapo, Fleece, Foil           Filer         yes           wite arrangement         black, white, (black WL32DL, black UL1/CL+, black VL2, green yellow)           Gable weigh         21 g/m           Material jacket         TAPU           Freedom from ingredients (acket)         11.3 m           Tolerance outer diameter (shalth)         4.5 %           Material vie instalation         TPM           Amount stands         2.4 mm           Outer diameter instalation         4.4 mm           Conter diameter instalation         1.5 mm           Targedient tenses wire instalation         1.6 mm?           Conductor or seasection (wire)         1.5 mm?           Conductor view         Strand copper wire, bare           Conductor view (wire)         1.5 mm?           Material view instalation (Power)         2.4 mm           Conductor view is instalation (Power)         2.4 mm           Conductor type (wre)         strand class 6           Material view instalation (Power)         2.4 mm           Conductor view instalation (Power)         4.4           Amount strands (sing bare, PCe-free, halogen-free, allocne-free           Printing colour wire instalation (Power)	Cable shielding (type)	copper braid, tinned
Bandring         Fiber tape, Fibers, Foll           Filter         yes           wera arrangement         black, white, (black WL3/DL-, black UL1/CL+, black VL2, green-yellow)'           Cable weigh         23 g/m           Material jacket         TMPU           Freedom from ingredients (jacket)         lead-free, CFC-free, habogen-free, allicone-free           Cater diameter (jacket)         11,3 mm           Telerance exter diameter (jacket)         5 %           Material jacket         5 %           Cater diameter (jacket)         15 %           Cater diameter (jacket)         15 %           Cater diameter insulation         2.4 mm           Cater diameter insulation         2.4 mm           Cater diameter insulation         15 %           Candidor trye weire insulation         15 mm?           Canductor oxossection (wire)         15 mm?           Canductor oxossection (wire)         15 mm?           Canductor oxossection (wire)         24 mm           Canductor oxossection (wire)         24 mm           Canductor oxos section (Power)         74M           Outer diameter wei insulation         25 %           Impredient freemess wei insulation (Power)         15 mm?           Material pictor oxos wein insulation (Power)	Cable shielding (coverage)	85 %
Filer         yes           wire arrangenent         black, white, (black WL3:DL-, black UL1:ICL+, black VL2, green-yellow)           Cable weigh         231 gm           Material jacket         TMPU           Freedom from ingredients (gacket)         lead-free, CFC-free, halogen-free, silicone-free           Outer diameter (gacket)         11.3 mm           Toerance outer diameter (staution)         2.5 %           Material wei insulation         TPM           Amount wires         2           Outer diameter insulation         2.4 mm           Outer diameter insulation         1.6 %           Ingredient fuences wire insulation         1.6 %           Diameter of single wires         0,15 mm           Canductor crossection (wire)         1.5 mm           Canductor vires (wire)         4 mm           Diameter of single wires         0,15 mm           Canductor vire (wire)         3 farad class 6           Material conductor wire insulation (Power)         2.4 mm           Toerance outer diameter wire insulation (Power)         1.5 %           Impredient tenses wire insulation (Power)         4.4 mm           Amount strands wire insulation (Power)         4.5 %           Inter diameter wire insulation (Powere)         4.5 %           Co	Pair shielding (type)	copper braid, tinned
wire arrangement         black, while, (black WL37DL, black UL17CL+, black UL1, CL+, black UL1, black UL1, black UL1, black UL1, black UL1, black UL1, black U	Banding	Fiber tape, Fleece, Foil
Cabla weigh         231 pm           Material jacket         TMPU           Freedom from ingredients (jacket)         Isad free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         1.3 mm           Tolerance outer diameter (jacket)         1.5 %           Material wire insulation         TPM           Arnount wires         2           Outer diameter fuelation         2.4 mm           Outer diameter fuelation         1.5 %           Ingredient freeness wire insulation         Isad-free, CFC-free, halogen-free, silicone-free           Arnount strand(svire)         84           Dameter of single wires         0.15 mm           Conductor vicessection (wire)         1.5 mm <sup>2</sup> Material wire insulation (Power)         TPM           Conductor vice section (wire)         1.5 mm <sup>2</sup> Material wire insulation (Power)         TPM           Outer diameter wire insulation (Power)         1.5 mm <sup>2</sup> Tolerance outer diameter wire insulation (Power)         4.5 %           Printing Soluri wire insulation (Power)         4.4 mm           Tolerance outer diameter wire insulation (Power)         4.5 %           Impredient treaness wire insulation (Power)         4.4 mount strands wire insulation (Power)           Tolerance outer dina	Filler	yes
Material jacket         TMPU           Freedom from ingredients (jacket)         It.3 mm           Outer diameter (sheath)         1:5 %           Material wire insulation         TPM           Amount wires         2           Outer diameter insulation         2.4 mm           Outer diameter insulation         2.4 mm           Outer diameter insulation         8.4           Ingredient freeness wire insulation         8.4           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         1.5 mm²           Conductor vire         Stranded copper wire, bare           Conductor vire         Stranded copper wire, bare           Conductor vire (wire)         1.5 mm²           Conductor vire (wire)         1.4 mm           Conductor vire (wire)         1.4 mm <td< td=""><td>wire arrangement</td><td>black, white, (black W/L3/D/L-, black U/L1/C/L+, black V/L2, green-yellow)</td></td<>	wire arrangement	black, white, (black W/L3/D/L-, black U/L1/C/L+, black V/L2, green-yellow)
Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         1.3 mm           Tolerance uter diameter (shall)         1.5 %           Material ameter (shall)         1.7 mm           Amount wires         2           Outer diameter insulation         2.4 mm           Outer diameter insulation         1.5 %           Ingredient freeness wire insulation         1.6 mm           Conclustor conserves wire insulation         1.6 mm           Conclustor conserves wire insulation         1.5 mm <sup>2</sup> Conclustor conserves         Stranded copper wire, bare           Conclustor conserves         0.15 mm <sup>2</sup> Conductor rule         Stranded copper wire, bare           Conductor rule insulation (Power)         1.5 mm <sup>2</sup> Outer diameter wire insulation (Power)         2.4 mm           Tolerance uter insulation (Power)         4.5 %           Ingredient freeness wire insulation (Power)         4.5 %           Nomunit strands wire (Power)         4.4           Nomunit strands wire (Power)         4.4           Nament wire (Power)         1.5 mm <sup>2</sup> Material ovincitavire (Power)         1.5 mm <sup>2</sup> Material ovinitavire (Power)         1.5 mm <sup>2</sup>	Cable weigth	231 g/m
Outer-dameter (jacket)         11.3 mm           Tolerance outer diameter (sheath)         1 5 %           Arnount wires         2           Outer diameter insulation         TPM           Arnount wires         2           Outer diameter insulation         1.5 %           Ingredient Teeness wire insulation         Leaf free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         84           Dameter disinger wires         0.15 mm           Conductor rops (wire)         1.5 mm?           Conductor vire         Strandd copper wire, bare           Conductor vire (wire)         1.5 mm?           Conductor vire insulation (Power)         2.4 mm           Tolerance outer diameter wire insulation (Power)         2.4 mm           Tolerance outer diameter wire insulation (Power)         4.4           Mount wire (Power)         4.4           Amount wire (Power)         84           Diameter disingle wire (Power)         84           Diameter disingle wire (Power)         84           Diameter disingle wire (Power)         84           Material wire (Power)         84           Diameter disingle (conductor - conductor)         100 V           Material wire (Power)         84           Di	Material jacket	TMPU
Tolerance outer diameter (shealth)         ± 5 %           Material wire insulation         TPM           Anount wires         2           Outer diameter insulation         2,4 mm           Duter diameter insulation         ± 5 %           Ingredient Reseass wire insulation         ± 5 %           Ingredient Reseass wire insulation         ± 5 %           Conductor crosses wire insulation         ± 6 %           Amount strands (wire)         84           Diameter of single wires         0.15 mm           Conductor rossescotion (wire)         1.5 mm²           Conductor vires         Stranded capper wire, bare           Conductor type (wire)         atrand dass 6           Material wire insulation (Power)         2,4 mm           Tolerace outer diameter wire insulation         ± 5 %           Ingredient Resenses wire insulation (Power)         ± 5 %           Printing colour wire insulation (Power)         ± 5 %           Amount wires (Power)         4           Amount strands wire (Power)         9 %           Wire conductor oras section (Power)         1,5 mm²           Material wire (Power)         5 framded capper wire, bare           Conductor vire (Power)         Stranded dass 6           Material conductor vire (Power)	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free, silicone-free
Material wire insulation         TPM           Amount wires         2           Outer diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead free, CFC-free, halogen free, silicone-free           Amount stands (wire)         84           Dameter of single wires         0,15 mm           Conductor crossection (wire)         1.5 mm?           Material conductor wire         Stranded copper wire, bare           Conductor vise         Stranded copper wire, bare           Conductor vise         Stranded copper wire, bare           Conductor vise insulation (Power)         2.4 mm           Tolerance outer diameter wire insulation (Power)         2.4 mm           Tolerance outer diameter wire insulation (Power)         iead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         iead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         iead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         iead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         iead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         isa free, CFC-free, halogen-free, silicone-free           Marount wires (Powar)	Outer-diameter (jacket)	11,3 mm
Amount wires     2       Outer diameter insulation     2.4 mm       Outer diameter insulation     1.5 %       Ingredient freeness wire insulation     lead-free, CFC-free, halogen-free       Amount strands (wire)     94       Dameter of single wires     0.15 mm       Conductor arcossection (wire)     1.5 mm <sup>2</sup> Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     stranded copper wire, bare       Conductor type (wire)     tranded case 6       Material wire insulation (Power)     TPM       Outer diameter wire insulation (Power)     2.4 mm       Tolerance outer diameter wire insulation (Power)     4       Armount wires (Power)     4       Armount wires (Power)     4       Amount wires (Power)     4       Armount wires (Power)     4       Armount wires (Power)     1.5 mm <sup>2</sup> Material conductor wire (Power)     1.5 mm <sup>2</sup> Conductor wire (Power)     1.5 mm <sup>2</sup> Conductor wire (Power)     1.5 mm <sup>2</sup>	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation         2.4 mm           Outer diameter tolerance core insulation         15 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free, silicone-free           Amount strands (wire)         84           Diameter of single wires         0.15 mm           Conductor crossection (wire)         1,5 mm <sup>3</sup> Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Material conductor wire insulation (Power)         2,4 mm           Tolerance outer diameter wire insulation (Power)         1,5 %           Ingredient freeness wire insulation (Power)         tead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         wihte (solation black)           Amount strands wire (Power)         4           Amount strands wire (Power)         5 tranded copper wire, bare           Conductor ross section (Power)         1,5 mm <sup>3</sup> Material conductor wire (Power)         5 tranded copper wire, bare           Conductor type wire (Power)         5 tranded copper wire, bare           Conductor type wire (Power)         5 tranded copper wire, bare           Conductor type wire (Power)         5 tranded copper wire, bare           Conductor type wire (Power)         5 tran	Material wire insulation	ТРМ
Duter dameter tolerance core insultation         ± 5 %           Ingredient treeness wire insultation         tead-tree, CFC-free, halogen-free, silicone-free           Amount strands (wire)         84           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           Material insulation (Power)         2,4 mm           Tolerance outer diameter wire insulation (Power)         45 %           Ingredient freeness wire insulation (Power)         4           Amount strands wire (Power)         84           Diameter of single wires (Power)         84           Material strain (Power)         84           Diameter of single wires (Power)         1,5 mm <sup>2</sup> Material conductor wire (Power)         Strand class 6           Max: rated voltage (conductor - conductor)	Amount wires	2
Duter dameter tolerance core insultation         ± 5 %           Ingredient treeness wire insultation         tead-tree, CFC-free, halogen-free, silicone-free           Amount strands (wire)         84           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           Material insulation (Power)         2,4 mm           Tolerance outer diameter wire insulation (Power)         45 %           Ingredient freeness wire insulation (Power)         4           Amount strands wire (Power)         84           Diameter of single wires (Power)         84           Material strain (Power)         84           Diameter of single wires (Power)         1,5 mm <sup>2</sup> Material conductor wire (Power)         Strand class 6           Max: rated voltage (conductor - conductor)	Outer diameter insulation	2,4 mm
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         Material wire insulation (Power)       TPM         Colductor type (wire)       strand class 6         Material conductor wire insulation (Power)       2,4 mm         Tolerance outer diameter wire insulation (Power)       stram         Ingredient freeness wire insulation (Power)       white (isolation black)         Amount wires (Power)       4         Amount wire (Power)       84         Diameter of single wires (Power)       1,5 mm²         Material conductor cross section (Power)       1,5 mm²         Material conductor - conductor)       1000 V         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - orgrund)       600 V         Current load capacity min. wire       12,6 A         Electrical resistance line constant wire       13,7 D/km @20 °C         CA Withstand voltage (wire - wire)       13,7 D/km @20 °C         CA Withstand voltage (wire - wire)       12,0 D/km @20 °C         Electrical capacity min. wire (Power)       13,7 D/km @20 °C <td>Outer diameter tolerance core insulation</td> <td></td>	Outer diameter tolerance core insulation	
Diameter of single wires     0,15 mm²       Conductor rosssection (vire)     1.5 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Material wire insulation (Power)     TPM       Outer diameter wire insulation (Power)     2.4 mm       Tolerance outer diameter wire insulation (Power)     4       Amount wire insulation (Power)     4       Amount wire insulation (Power)     4       Amount wires (Power)     4       Amount strands wire (Power)     0.15 mm²       Material conductor vire (Power)     4       Amount strands wire (Power)     0.15 mm²       Material conductor vire (Power)     0.15 mm²       Material conductor vire (Power)     0.15 mm²       Material conductor vire (Power)     1.5 mm²       Material conductor vire (Power)     1.5 mm²       Material conductor vire (Power)     5 ma²       Conductor type wire (Power)     1.5 mm²       Material conductor - conductor)     1000 V       Max. rated voltage (conductor - conductor)     1000 V       Max. rated voltage (conductor - conductor)     1000 V       Current Load capacity min. wire (Power)     1.7 G/km @ 20 °C       Current carrying capacity min. wire (Power)     1.7 G/km @ 20 °C       CA withstand voltage (wire - wine)     120000 pF/km </td <td>Ingredient freeness wire insulation</td> <td>lead-free, CFC-free, halogen-free, silicone-free</td>	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire)       1.5 mm²         Material visci sulation (Power)       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Material visci sulation (Power)       7 PM         Outer diameter wire insulation (Power)       2,4 mm         Tolerance outer diameter wire insulation (Power)       2,4 mm         Tolerance outer diameter wire insulation (Power)       lead-free, CFC-free, halogen-free, silicone-free         Printing colour wire insulation (Power)       white (Isolation black)         Amount strands wire (Power)       44         Amount strands wire (Power)       84         Diameter of single wires (Power)       0,15 mm         Wire conductor ross section (Power)       1.5 mm²         Material voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current toal capacity (strander)       to DIN VDE 0298-4         Current toal capacity (strander)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Electrical resistance contage wire (Power)       13,7 Ω/m @ 20 °C         AC withstand voltage (wire - wire)       4 kV @	Amount strands (wire)	84
Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Material wire insulation (Power)         TPM           Outer diameter wire insulation (Power)         2.4 mm           Tolerance outer diameter wire insulation (Power)         ±5 %           Ingredient freeness wire insulation (Power)         tead-free, CFC-free, halogen-free           Printing colour wire insulation (Power)         4           Amount wires (Power)         4           Amount strands wire (Power)         84           Diameter of single wires (Power)         0.15 mm           Wire conductor cross section (Power)         5tranded copper wire, bare           Conductor type wire (Power)         5tranded copper wire, bare           Conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Conductor wire (Power)         Stranded copper wire, bare           Conductor ying (conductor - ground)         600 V           Current load capacity min. wire         12.6 A           Current load capacity min. wire         12.6 A           Electrical resistance line constant wire         13.7 Ω/km @20 °C           Electrical resistance coating wire (Power)         13.7 Ω/km @20 °C           Electrical	Diameter of single wires	0,15 mm
Conductor type (wire)         strand class 6           Material wire insulation (Power)         TPM           Outer diameter wire insulation (Power)         2,4 mm           Tolerance cutre diameter wire insulation (Power)         ±5 %           Ingredient freeness wire insulation (Power)         lead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         4           Amount wires (Power)         4           Amount strands wire (Power)         84           Diameter of single wires (Power)         0,15 mm           Wire conductor cross section (Power)         15 mm <sup>2</sup> Material conductor wire (Power)         Strande class 6           Max. rated voltage (conductor - conductor)         1000 V           Max. rated voltage (conductor - ground)         600 V           Current load capacity min. wire         12.6 A           Electrical resistance line constant wire         13.7 0/km @20 °C           Electrical resistance constant wire         13.7 0/km @20 °C           Ac withstand voltage (wire - wire)         4 kV @ 300 s           Electrical capacity line constant (wire - wire)         4 kV @ 300 s           Electrical capacity line constant (wire - shield)         160000 pF/km           Power frequency withstand voltage (wire - shield)         4 kV @ 300 s      <	Conductor crosssection (wire)	1,5 mm <sup>2</sup>
Conductor type (wire)         strand class 6           Material wire insulation (Power)         TPM           Outer diameter wire insulation (Power)         2,4 mm           Tolerance cutre diameter wire insulation (Power)         ±5 %           Ingredient freeness wire insulation (Power)         lead-free, CFC-free, halogen-free, silicone-free           Printing colour wire insulation (Power)         4           Amount wires (Power)         4           Amount strands wire (Power)         84           Diameter of single wires (Power)         0,15 mm           Wire conductor cross section (Power)         15 mm <sup>2</sup> Material conductor wire (Power)         Strande class 6           Max. rated voltage (conductor - conductor)         1000 V           Max. rated voltage (conductor - ground)         600 V           Current load capacity min. wire         12.6 A           Electrical resistance line constant wire         13.7 0/km @20 °C           Electrical resistance constant wire         13.7 0/km @20 °C           Ac withstand voltage (wire - wire)         4 kV @ 300 s           Electrical capacity line constant (wire - wire)         4 kV @ 300 s           Electrical capacity line constant (wire - shield)         160000 pF/km           Power frequency withstand voltage (wire - shield)         4 kV @ 300 s      <	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Power)         2.4 mm           Tolerance outer diameter wire insulation (Power)         ±5 %           Ingredient feeness wire insulation (Power)         lead-free, CFC-free, halogen-free           Printing colour wire insulation (Power)         white (isolation black)           Amount wires (Power)         4           Amount strands wire (Power)         84           Diameter of single wires (Power)         0,15 mm           Wire conductor cross section (Power)         1.5 mm <sup>2</sup> Material conductor vire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         strand class 6           Max. rated voltage (conductor - conductor)         1000 V           Max. rated voltage (conductor - ground)         600 V           Current Load capacity (standard)         to DIN VDE 0298-4           Current carying capacity min. wire (Power)         12,6 A           Electrical resistance line constant wire         13,7 Ω/km @ 20 °C           Electrical resistance line constant (wire - wire)         12000 pF/km           Electrical capacity line constant (wire - wire)         4 kV @ 300 s           Electrical capacity line constant (wire - shield)         160000 pF/km           Electrical capacity line constant (wire - shield)         4 kV @ 300 s           Electrical capacity line	Conductor type (wire)	
Outer diameter wire insulation (Power)         2.4 mm           Tolerance outer diameter wire insulation (Power)         ±5 %           Ingredient feeness wire insulation (Power)         lead-free, CFC-free, halogen-free           Printing colour wire insulation (Power)         white (isolation black)           Amount wires (Power)         4           Amount strands wire (Power)         84           Diameter of single wires (Power)         0,15 mm           Wire conductor cross section (Power)         1.5 mm <sup>2</sup> Material conductor vire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         strand class 6           Max. rated voltage (conductor - conductor)         1000 V           Max. rated voltage (conductor - ground)         600 V           Current Load capacity (standard)         to DIN VDE 0298-4           Current carying capacity min. wire (Power)         12,6 A           Electrical resistance line constant wire         13,7 Ω/km @ 20 °C           Electrical resistance line constant (wire - wire)         12000 pF/km           Electrical capacity line constant (wire - wire)         4 kV @ 300 s           Electrical capacity line constant (wire - shield)         160000 pF/km           Electrical capacity line constant (wire - shield)         4 kV @ 300 s           Electrical capacity line		ТРМ
(Power) $^{25 \ 76}$ Ingredient freeness wire insulation (Power)ket-free, CFC-free, halogen-free, silicone-freePrinting colour wire insulation (Power)4Amount wires (Power)84Diameter of single wires (Power)0,15 mmWire conductor cross section (Power)1,5 mm²Material conductor wire (Power)Stranded copper wire, bareConductor type wire (Power)strand class 6Max. rated voltage (conductor - conductor)1000 VMax. rated voltage (conductor - ground)600 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current carrying capacity min. wire12,6 ACurrent carrying capacity min. wire13,7 $\Omega$ km @ 20 °CElectrical resistance line constant wire13,7 $\Omega$ km @ 20 °CAc withstand voltage (wire - wire)4 KV @ 300 sElectrical capacity line constant (wire - wire)120000 pF/kmPower frequency withstand voltage (wire - shield)4 kV @ 300 sStalation resistance2500 MQ × kmElectrical capacity line constant (wire - shield)4 kV @ 300 sStalation resistance2500 MQ × kmElectrical capacity line constant (wire - shield)160000 pF/kmPower frequency withstand voltage (wire - shield)4 kV @ 300 sStalation resistance2500 MQ × kmElectrical capacity line constant (wire - shield)4 kV @ 300 sStalation resistance2500 MQ × kmElectrical capacity line constant (wire - shield)4 kV @ 300 sStalatio		2,4 mm
Printing colour wire insulation (Power)       white (isolation black)         Amount wires (Power)       4         Amount strands wire (Power)       84         Diameter of single wires (Power)       0,15 mm         Wire conductor cross section (Power)       1,5 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical resistance constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - iacket)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - wire)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km		±5 %
Amount wires (Power)       4         Amount strands wire (Power)       84         Diameter of single wires (Power)       0,15 mm         Wire conductor cross section (Power)       1,5 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor vire (Power)       Stranded copper wire, bare         Conductor vire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - orgound)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current load capacity min. wire (Power)       13,7 Ω/km @ 20 °C         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MQ × km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MQ × km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s<	Ingredient freeness wire insulation (Power)	lead-free, CFC-free, halogen-free, silicone-free
Amount strands wire (Power)       84         Diameter of single wires (Power)       0,15 mm         Wire conductor cross section (Power)       1,5 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Power frequency withstand voltage (wire - acket)       160000 pF/km         Power frequency withstand voltage (wire - acket)       4 kV @ 300 s         Isolation resistance       2500 MQ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MQ × km         Electrical capacity line consta	Printing colour wire insulation (Power)	white (isolation black)
Diameter of single wires (Power)       0,15 mm         Wire conductor cross section (Power)       1,5 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km	Amount wires (Power)	4
Wire conductor cross section (Power)       1,5 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km	Amount strands wire (Power)	84
Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12.6 A         Current carrying capacity min. wire (Power)       12.6 A         Electrical resistance line constant wire       13.7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13.7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Power frequency withstand voltage (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km	Diameter of single wires (Power)	0,15 mm
Conductor type wire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km	Wire conductor cross section (Power)	1,5 mm <sup>2</sup>
Conductor type wire (Power)       strand class 6         Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km	Material conductor wire (Power)	Stranded copper wire, bare
Max. rated voltage (conductor - conductor)       1000 V         Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Power frequency withstand voltage (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       4 60000 pF/km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       4 60000 pF/km         Electrical capacity line constant (wire - shield)       90000 pF/km		
Max. rated voltage (conductor - ground)       600 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km		1000 V
Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - wire)       160000 pF/km		
Current load capacity min. wire       12,6 A         Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - a kV @ 300 s)       160000 s         AC withstand voltage (wire - bield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km		to DIN VDE 0298-4
Current carrying capacity min. wire (Power)       12,6 A         Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km		
Electrical resistance line constant wire       13,7 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       13,7 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km		
Electrical resistance coating wire (Power)       13,7 Ω/km @20 °C         AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km		13,7 Ω/km @ 20 °C
AC withstand voltage (wire - wire)       4 kV @ 300 s         Electrical capacity line constant (wire - wire)       120000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km		
Electrical capacity line constant (wire - shield)       160000 pF/km         Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - wire)       90000 pF/km		4 kV @ 300 s
Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - wire)       90000 pF/km	Electrical capacity line constant (wire - wire)	120000 pF/km
Power frequency withstand voltage (wire - jacket)       4 kV @ 300 s         AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield)       160000 pF/km         Electrical capacity line constant (wire - wire)       90000 pF/km	Electrical capacity line constant (wire - shield)	160000 pF/km
AC withstand voltage (wire - shield)       4 kV @ 300 s         Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield) (power)       160000 pF/km         Electrical capacity line constant (wire - wire)       90000 pF/km	Power frequency withstand voltage (wire -	4 kV @ 300 s
Isolation resistance       2500 MΩ × km         Electrical capacity line constant (wire - shield) (power)       160000 pF/km         Electrical capacity line constant (wire - wire)       90000 pF/km		4 kV @ 300 s
(power) Electrical capacity line constant (wire - wire)	Isolation resistance	2500 MΩ × km
Electrical capacity line constant (wire - wire)		160000 pF/km
	Electrical capacity line constant (wire - wire)	90000 pF/km

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: 2024-05-18



AC withstand voltage power (wire - shield)	4 kV @ 300 s
Power frequency withstand voltage power (wire - jacket)	4 kV @ 300 s
AC withstand voltage power (wire - wire)	4 kV @ 300 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	00 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	80 °C
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	4 x Outer diameter
Bending radius (dynamic)	7,5 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	50 m @ 25 °C   horizontal
Travel speed (C-track)	5 m/s @ 25 °C
Torsion stress	± 30 °/m

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