

## **DRIVE CLIQ CABLE**

Specification: 6FX5002-2DC10-1BE0

DRIVE-CLiQ signal cable for SINAMICS S120 and motors with DC 24 V wires

Male straight – male straight DRIVE-CLiQ IP67 – DRIVE CLiQ IP20

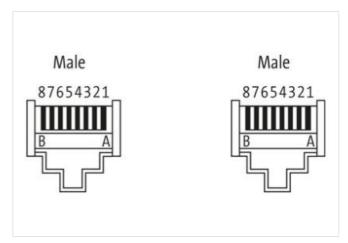
Further cable lengths on request.

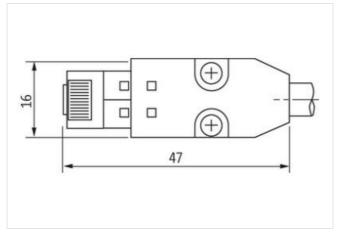
The resistance to aggressive media should be individually tested for your application. Further details on request.

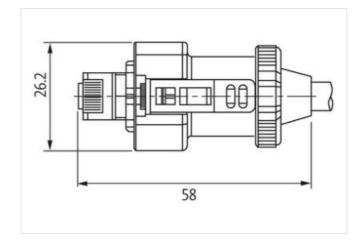
## **Link to Product**

## Illustration









Product may differ from Image

Cable length	14 m
Side 1	
Mounting method	pluggable
Family construction form	RJ45
Side 2	
Mounting method	pluggable
Commercial data	
ECLASS-6.0	27061801



stay connected

ECLASS 8.0   27061801		
ECLASS 10.1 2706007 ECLASS 11.1 2706007 ECLASS 11.2 2706007 ECLASS 11.2 2706007 ECLASS 11.3 2706007 ECLASS 11.3 2706007 ECLASS 11.4 2706007 ECLASS 11.5 2706007 ECLAS 11.5 2706007 ECL	ECLASS-7.0	27061801
EGLASS 10.1         27000307           EGLASS 11.1         27000307           ETIMS 0         ECO00830           ETIMS 0         ECO00830           ETIMS 0         ECO00830           ETIMS 0         B544410           GTIN         4048879575171           Packalging unit         1           Electrical data   Supply         PSeckalging unit           Operating voltage AC max.         30 V           Everating voltage AC max.         30 V           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Operating volt	ECLASS-8.0	27061801
ECLASS-11 1         27000307           ETIM 5.0         27000307           ETIM 5.0         EXXXVIII           STIN         404879575171           Packsign until         1           Electrical data   Supply         Very Coperating vorting AC max.           Operating vorting AC max.         30 V           Operating vorting AC max.         30 V           Operating vorting AC max.         176 A           Device protection   Electrical         Very Coperating vorting AC max.           Degree of protection   (EN IEC 0529)         IP 20, IP67           Pollution Degree         3           Raised surge-vortings         0.5 KV           Makernal group (IEC 0604-1)         II           Machinaria (as in Mounting data         Very Coperating empression of the protection of the protecti	ECLASS-9.0	27061801
EGLASS-12-0         27969007           ETIM-S-0         EC000830           CTIN         4048879575171           Peckaging unit         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         1,76 A           Operating voltage DC max.         30 V           Operating current max.         1,76 A           Divice protection   Electrical         Development protection (FN IEC 60529)           Poblicion Degree         3           Poblicion Degree         3           Pallade surge voltage         0,5 kV           Machanical data   Mounting data         II           Looking techniques         DRIVE CL/D           Environmental characteristics   Climatic         Coperating temperature max.           Operating temperature max.         80 °C           Operating temperature max.         80 °C           Additional condition interperature range 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 tises.           Installation (Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection cleas can be entargered by excessive bending forces.<	ECLASS-10.1	27060307
ETIMAS 0.0 EC000830  Sustoms tariff number 88444210  SITN 444879575171  Packaging until 1  Electrical data   Supply  Operating voltage AC max. 30 V  Operating voltage DC max. 30 V  Degree of protection   Electrical  Degree of protection (EN IEC 60529)   IP20, IP67  Pollution Degree 3  Salade surge voltage 0.5 x V  Material group (IEC 6064-1)   II  Mechanical data   Mounting data  Looking techniques  Deliver CRU Q  Environmental characteristics   Climatic  Operating temperature max. 40 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on sharin electrical  Installation   Cable  Installation   Cable	ECLASS-11.1	27060307
coutons tariff number 8544210 CTTN 404878975171 4048878975171 Ciperating voltage AC max. Operating lengue (IEC 60664-1) II  Mochanical data   Mounting data Locking techniques Operating lengue premature max. Opera	ECLASS-12.0	27060307
GTIN 4048679575171  Prockaging unit 1  Electrical data   Supply  Operating vorlage AC max. 30 V  Operating vorlage AC max. 30 V  Operating vorlage DC max. 30 V  Operating vorlage MC MCR VEC 60529   P20. IPP7  Pollution Degree 3 3  Rated surge voltage 0,5 kV  Material group (EC 606641)   II  Doubt Control of MC MC 606641)   II  Doubt Control of MC MC 606641   II  Doubt Control of MC 606641   II  Doubt Control of MC 70664	ETIM-5.0	EC000830
Packaging unit   1  Electrical data   Supply	customs tariff number	85444210
Circle   Comment   Comme	GTIN	4048879575171
Operating voltage AC max. 30 V Operating voltage DC max. 176 A  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60629)   IP20, IP67  Pollution Degree 3 3  Raided surge voltage 0,5 kV Material group (IEC 606641)   II  Mechanical data   Mounting data  Looking techniques DRIVE-CLIQ  Environmental characteristics   Climatic  Operating temperature min. 20 °C Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on sharia relied Protection (Assert on School Protection Class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Wire arrangement (green, yellow), (pink, blue), (red, black)  Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Cype of certificate UPUse  Alternating (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) coper braid, timed  Cable shiel	Packaging unit	1
Operating voltage DC max. 1,76 A  Operating oursert max. 1,76 A  Degree of protection (Electrical  Degree of protection (EN IEC 80529) IP20, IP67  Pollution Degree 3 3 Rated surge voltage 0,5 kV  Material group (IEC 80684-1) II  Mechanical data   Mounting data  Looking bethinques DRIVE-CLIQ  Environmental characteristics   Climatic  Operating temperature min. 20 °C  Operating temperature max. 80 °C  Additional condition temperature range 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 fies.  Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable identification green  Hybrid. Data, Power  Jacket Color green  Jacket Color g	Electrical data   Supply	
Operating current max. 1,76 A  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60529)   IP20, IP67  Pollution Degree 3  Rated surge voltage 0,5 kV  Material group (IEC 60564+1)   II  Machanical data   Mounting data  Locking techniques DRIVE-CLIQ  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature rea. 80 °C  Additional condition temperature rea. 80 °C  More after in elief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement (green, yellow), (pink, blue), (red. black)  Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Type of Certificate cul/Rus  Amount stranding 3 Stranding (type 2) 3 Stranded joints with Filler twisted  Cable ishelding (type) copper braid, timed glower, in the filler twisted  Stranding (type 2) 3 Stranding (type 2) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red. black)  Cable shielding (type) copper braid, timed  Green, yellow), (pink, blue), (red. black)  Cable shielding (type) copper braid, timed  Cable ishelding (type) copper braid, timed  Cable shielding (type) copper braid, timed  Cable shielding (type) copper braid, timed  Cable ishelding (type) copp	Operating voltage AC max.	30 V
Degree of protection   Electrical  Degree of protection (EN IEC 60529)   IP20, IP67  Rated surge voltage   0,5 kV   Material group (IEC 60684-1)   II  Mechanical data   Mounting data  Looking techniques   DRIVE-CLIQ  Environmental characteristics   Climatic  Operating temperature min.	Operating voltage DC max.	30 V
Degree of protection (EN IEC 60529) IP20, IP67 Pollution Degree  3 Rated surge voltage  0,5 kV Material group (IEC 60564-1) II  Mechanical data   Mounting data Looking techniques	Operating current max.	1,76 A
Degree of protection (EN IEC 60529) IP20, IP67 Pollution Degree  3 Rated surge voltage  0,5 kV Material group (IEC 60564-1) II  Mechanical data   Mounting data Looking techniques	Device protection   Electrical	
Politrion Degree 3 Rated surge voltage 0.5 kV  Material group (IEC 60664-1) II  Mechanical data   Mounting data Looking techniques DRIVE-CLIQ  Environmental characteristics   Climatic  Operating temperature min. 20° C Operating temperature man. 80° C  Additional condition temperature range 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  write arrangement (green, yellow), (pink, blue), (red, black) Cable identification 881  Function cable Hybrid, Data, Power Jacket Color green Type of Certificate cURus  Amount stranding 3  Stranding (type 2) 3 Stranded joints with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Sable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket Power  Jacket Color (green, yellow), (pink, blue), (red, black)  Cable shielding (type) copper braid, finned  Cable shielding (type) (green, yellow), (pink, blue), (red, black)  Material jacket Power  Jacket Color (green, yellow), (pink, blue), (red, black)  Material wire insulation PE  Amount wires 4  Audited diameter (sheath) ± 5 %  Amount extended the protection sheated on	•	IP20 IP67
Material group (IEC 60664-1) II  Mechanical data   Mounting data  Looking techniques DRIVE-CL/Q  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable identification 81  Stranding 2 wires with Filler twisted  Stranding 13  Stranding 2 wires with Filler twisted  Cable shielding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable shielding (coverage) 95 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable shielding (coverage) 95 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable shielding (coverage) 95 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) 195 mm  Tolerance outer diameter (sheath) 25 %  Amount wires  4  Couter diameter (sustation 1,03 mm  Couter diameter insulation 1,03 mm  Couter diameter insulation 1,03 mm  Couter diameter (selatenes or insulation 1,03 mm		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1)    Mechanical data   Mounting data		
Mechanical data   Mounting data   Mounting data   DRIVE-CLIQ		· · · · · · · · · · · · · · · · · · ·
Looking techniques DRIVE-CLIQ  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement (green, yellow), (pink, blue), (red, black)  Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Type of Certificate CURsus  Amount stranding 3  Stranding (type 2) 3 stranded joints with Filler twisted  Stranding (type) 3 stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 5%  Material wire insulation PE  Amount wires 4  Outer diameter (sleatin) 1,03 mm  Outer diameter tolerance core insulation 1,03 mm  Outer diameter silvalation 1,03 mm  Outer diameter freeness wire insulation 1,03 mm		"
Environmental characteristics   Climatic Operating temperature min.		
Operating temperature min. Operating temperature max. 80 °C Additional condition temperature range 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Wire arrangement (green, yellow), (pink, blue), (red, black) Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green Cype of Certificate cURus Amount stranding 3  Stranding (type 2) 3 Stranded joints with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) (ead-free, CFC-free, silicone-free)  Outer-diameter (sheath) £ 5 %  Material wire insulation PE  Amount wires 4  Outer diameter (sheath) 1,03 mm  Outer diameter tolerance core insulation 1,03 mm  Outer diameter tolerance core insulation 1 ead-free, CFC-free, halogen-free, silicone-free  Ingredient freeness wire insulation 1 lead-free, CFC-free, halogen-free, silicone-free	Looking techniques	DRIVE-CLiQ
Operating temperature max.  Additional condition temperature range 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Wire arrangement (green, yellow), (pink, blue), (red, black)  Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Type of Certificate cURus  Amount stranding 3  Stranding 2 wires with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket  PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (glocket) 9.5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter insulation 1,03 mm  Ingredient freeness wire insulation lead-free, CFC-free, silicone-free, silicone-free	Environmental characteristics   Climatic	
Additional condition temperature range 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Wire arrangement (green, yellow), (pink, blue), (red, black)  Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Type of Certificate cURus  Amount stranding 3  Stranding 2 wires with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 1,03 mm  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation 1,03 mm  Insulation (processive insulation 1,05 fee, CFC-free, halogen-free, silicone-free length of the content of the	Operating temperature min.	-20 °C
Inportant installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Write arrangement (green, yellow), (pink, blue), (red, black)  Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Cype of Certificate cURus  Amount stranding 3  Stranding (type 2) 3 stranded joints with Filler twisted  Stranding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Amount directions and the control of the	Operating temperature max.	80 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Installation   Cable  Installation   Cable  Installation   Cable  Installation   Cable  Installation   Cable   (green, yellow), (pink, blue), (red, black)  Cable identification 881  Function cable   Hybrid, Data, Power  Jacket Color   green    Type of Certificate   cURus  Amount stranding 3  Stranding   2 wires with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type)   copper braid, tinned  Cable shielding (coverage) 85 %  Filler   yes  wire arrangement   (green, yellow), (pink, blue), (red, black)  Material jacket   PVC  Freedom from ingredients (jacket)   lead-free, CFC-free, silicone-free  Outer-diameter (jacket)   6,95 mm  Tolerance outer diameter (sheath)   ± 5 %  Material wire insulation   PE  Amount wires   4  Outer diameter insulation   1,03 mm  Outer diameter tolerance core insulation   lead-free, CFC-free, halogen-free, silicone-free  Ingredient freeness wire insulation   lead-free, CFC-free, halogen-free, silicone-free	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Wire arrangement (green, yellow), (pink, blue), (red, black)  Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Type of Certificate cURus  Amount stranding 3  Stranding 2 wires with Filler twisted  Stranding (type 2) 3 stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 5 %  Material wire insulation PE  Amount wires 4  Outer diameter tolerance core insulation 1,03 mm  Outer diameter tolerance core insulation lead-free, CFC-free, halogen-free, silicone-free  lingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Important installation notes	
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wire arrangement (green, yellow), (pink, blue), (red, black) Cable identification 881 Function cable Hybrid, Data, Power Jacket Color green Type of Certificate cURus Amount stranding 3 Stranding 2 wires with Filler twisted Stranding (type 2) 3 Stranded joints with Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Filler yes wire arrangement (green, yellow), (pink, blue), (red, black) Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PE Amount wires 4 Outer diameter insulation 1,03 mm Outer diameter tolerance core insulation 1ead-free, CFC-free, halogen-free, silicone-free		Total and commence by curtable measures from meaning reads, e.g. by the deage of capital accident
Cable identification 881  Function cable Hybrid, Data, Power  Jacket Color green  Type of Certificate cURus  Amount stranding 3  Stranding 2 wires with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation 1,03 mm  Outer diameter tolerance core insulation 1 lead-free, CFC-free, halogen-free, silicone-free  Outer diameter tolerance core insulation 1 lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Function cable Hybrid, Data, Power Jacket Color green Type of Certificate cURus Amount stranding 3 Stranding 2 wires with Filler twisted Stranding (type 2) 3 Stranded joints with Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Filler yes wire arrangement (green, yellow), (pink, blue), (red, black) Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free Outer-diameter (sheath) ± 5 % Material wire insulation PE Amount wires 4 Outer diameter insulation 1,03 mm Outer diameter tolerance core insulation 1,03 mm Outer diameter tolerance core insulation 1 lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Jacket Color         green           Type of Certificate         cURus           Amount stranding         3           Stranding         2 wires with Filler twisted           Stranding (type 2)         3 Stranded joints with Filler twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         85 %           Filler         yes           wire arrangement         (green, yellow), (pink, blue), (red, black)           Material jacket         PVC           Freedom from ingredients (jacket)         lead-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,95 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         1,03 mm           Outer diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free, silicone-free	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.
Type of Certificate cURus  Amount stranding 3  Stranding 2 wires with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation 1,03 mm  Outer diameter tolerance core insulation lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius  Installation   Cable	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)
Amount stranding 3  Stranding 2 wires with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius  Installation   Cable  wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)
Stranding 2 wires with Filler twisted  Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius  Installation   Cable  wire arrangement  Cable identification	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power
Stranding (type 2) 3 Stranded joints with Filler twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius  Installation   Cable wire arrangement Cable identification Function cable	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 %  Filler yes wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Function cable  Jacket Color	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power green cURus
Cable shielding (coverage) 85 %  Filler yes  wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Function cable  Jacket Color  Type of Certificate	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3
Filler yes wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Function cable  Jacket Color  Type of Certificate  Amount stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted
wire arrangement (green, yellow), (pink, blue), (red, black)  Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation	Note on bending radius  Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted
Material jacket PVC  Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation	Note on bending radius  Installation   Cable  wire arrangement  Cable identification  Function cable  Jacket Color  Type of Certificate  Amount stranding  Stranding  Stranding (type 2)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned
Freedom from ingredients (jacket)  Outer-diameter (jacket)  Foedom from ingredients (jacket)  6,95 mm  Tolerance outer diameter (sheath)  E 5 %  Material wire insulation  PE  Amount wires  4  Outer diameter insulation  1,03 mm  Outer diameter tolerance core insulation  Lead-free, CFC-free, halogen-free, silicone-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power green cURus 3 2 wires with Filler twisted 3 Stranded joints with Filler twisted copper braid, tinned 85 %
Outer-diameter (jacket) 6,95 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (coverage)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)
Material wire insulation PE  Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)  PVC
Amount wires 4  Outer diameter insulation 1,03 mm  Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement Material jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)  PVC  lead-free, CFC-free, silicone-free
Outer diameter insulation 1,03 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement Material jacket Freedom from ingredients (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)  PVC  lead-free, CFC-free, silicone-free  6,95 mm
Outer diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)  PVC  lead-free, CFC-free, silicone-free  6,95 mm  ± 5 %
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)  PVC  lead-free, CFC-free, silicone-free  6,95 mm  ± 5 %  PE
	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power  green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)  PVC  lead-free, CFC-free, silicone-free  6,95 mm  ± 5 %  PE  4
Amount strands (wire) 7	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power green cURus 3 2 wires with Filler twisted 3 Stranded joints with Filler twisted copper braid, tinned 85 % yes  (green, yellow), (pink, blue), (red, black)  PVC lead-free, CFC-free, silicone-free 6,95 mm ± 5 % PE 4 1,03 mm
	Installation   Cable wire arrangement Cable identification Function cable Jacket Color Type of Certificate Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Filler wire arrangement Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  (green, yellow), (pink, blue), (red, black)  881  Hybrid, Data, Power green  cURus  3  2 wires with Filler twisted  3 Stranded joints with Filler twisted  copper braid, tinned  85 %  yes  (green, yellow), (pink, blue), (red, black)  PVC  lead-free, CFC-free, silicone-free  6,95 mm  ± 5 %  PE  4  1,03 mm  ± 5 %

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: 2024-06-24



Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Electrical function wire	Data
Material wire insulation (Power)	PE
Outer diameter wire insulation (Power)	1,03 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Ingredient freeness wire insulation (Power)	lead-free, CFC-free, halogen-free
Amount wires (Power)	2
Amount strands wire (Power)	7
Diameter of single wires (Power)	22 AWG
Wire conductor cross section (Power)	22 AWG
Material conductor wire (Power)	copper stranded wire, tinned
Nominal voltage AC max.	30 V
Electrical function wire	Data
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	90 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	55 Ω/km @20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	50000 pF/km
Power frequency withstand voltage (wire - jacket)	0,5 kV @ 60 s
AC withstand voltage (wire - shield)	0,5 kV @ 60 s
Isolation resistance	1000 MΩ × km
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	0°C
Operating temperature max. (dynamic)	60 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
No. of bending cycles (C-track)	0,1 Mio.
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	0,5 m/s @ 25 °C