

## RJ45 male 0° / RJ45 male 0° shielded

FRNC/LS0H 4x2xAWG27 shielded rd UL 0,6m

Art.No.: 7000-74712-5780060

Weight: 0.054 Country of origin: HU

Model designation: MSRAL0-RA-8p8c5780060

Ethernet CAT6A
Male straight – male straight
RJ45 – RJ45, 8-pole
shielded
with cable sleeves

Further cable lengths on request.

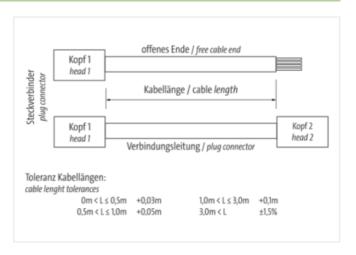
Plastic housings with good resistance against chemicals and oils.

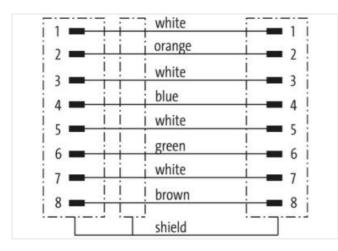
The resistance to aggressive media should be individually tested for your application. Further details on request.

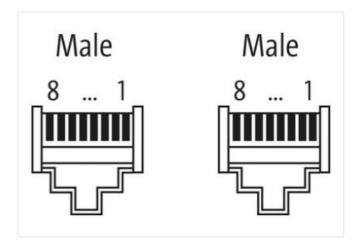
## **Link to Product**

## Illustration



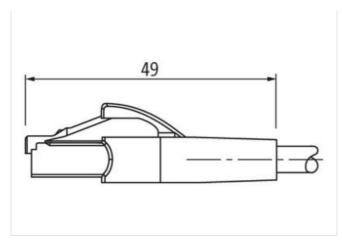








stay connected



Product may differ from Image











Cable length	0,6 m
Side 1	
Mounting method	inserted
Family construction form	RJ45
Gender	male
Cable outlet	straight
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
Side 2	
Mounting method	inserted
Family construction form	RJ45
Gender	male
Cable outlet	straight
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444210
customs tariff number	85444210
EAN	4048879595599
EAN	4048879595599
Packaging unit	1
Packaging unit	1
Electrical data   Supply	



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Operating voltage DC max. (LL-listed)         25 V           Current operating processed max.         1,5 A           Industrial communication         CATGA           Transfer parameters         CATGA           Date transmission rate max.         10 GBBs           Diagnostice         Total Control of Control	Dispersion per contact max. 1,5 A   Industrial communication   Industrial c	Operating voltage DC max.	60 V
Industrial communication         CATEA           Transfer parameters are max.         10 GB/s           Diagnostics         Properties           Status indication LED         no           Device protecting [Electrical         Page of protection [Electrical           Degree of protection [Electrical         P20           Poblishin Degree         3           Rared surge voltage         1 kV           Machanical data         Without           Machanical data         Without           Machanical data [Material data]         PUR           Looking naterial         PA           Mechanical fata [Mounting data]         Pure Purporterion (Page Purporterior (Page Purporterior (Page Purporterior (Page Purporterior (Page Purporterior (Page Pu	Industrial communication Transfer parameters CATEA  Diagnostics  Status indication LED no  Device protection [Electrical Degree of p	Operating voltage DC max. (UL-listed)	25 V
Transfer parameters         CAT6A           Data transmission rate max.         10 GBibs           Diagnostics           Status indication LED         no           Device profection   Electrical         Device profection   Electrical           Degree of protection (ENLEC 60529)         P20           Pollution Degree         3           Rated surge voltage         1 kV           Meetanic protection (FIG 606641)         1           Meetanic data         Without Cortour passed hose           Makerial prough (FIG 606641)         PUR           Mechanical data   Munting data         PUR           Locking and fast   Munting data         PA           Mechanical data   Munting data         PA           Environmental characteristics   Climatic         Operating temperature mix.         25 °C           Operating temperature mix.         25 °C           Operating temperature mix.         35 °C           Additional condition temperature mix.         35 °C           Motion on train installation notes         Altertion: Observe the permissible bending radia when laying cables, as the IP protection disas can be endangered by excessive bending forces.           Installation   Qable         Protect the commectors by suitable measures from mechanical loads, o.g. by the usage of cable tions.           Note on train of ins	Francetor parameters         CATEA           Data transmission rate max.         10 GBIUS           Displageoutics         Temperature mission rate max.         10 GBIUS           Device protection [Electrical]         P20           Degree of protection [Electrical]         P20           Cliquition Degree (protection) [Electrical]         1 kV           Cliquity evoltage (protection) [Electrical]         1 kV           Mechanical data [Multipal data]         Make (protection) [Electrical]           Mechanical data [Multipal data]         Make (protection) [Mission of Cartifolial (Protection) [Mission data]           Journal of particular (protection) [Mission data]         PA           Mechanical data [Mounting data]         Snap-in connector           Environmental characteristics [Climatical]         Colority (protecting temperature mix.         25 °C           Soliditional condition temperature mix.         25 °C         Colority (protection) [Mission data]           Motion at condition temperature max.         85 °C         Colority (protection) [Mission data]           Value on stain relef         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.           Value on stain relef         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.           Value on stain relef         Protect the connecto	Current operating per contact max.	1,5 A
Data transmission rate max. 10 GBIUs  Diagnostics  Status indication LED no Device protection [Electrical  Degree of protection (EN IEC 60529) IP20  Pollution Degree 3  Rated surge voltage 1 kV  Material group (IEC 605641) I  Mechanical data University 1 kV  Material group (IEC 605641) I  Mechanical data I Material data  Macerial housing PUR  Looking material Polluting Indicated Indi	Diagnostics    Diagnostics   D	Industrial communication	
Diagnostics           Situs in Incitation LED         no           Device protection   Electrical         Device protection (EN EC 60529)         IP20           Depution Degree         3           Pollution Degree         3           Attended surper voltage         1 KV           Makerial group (IEC 60664-1)         1           Mechanical data         Without           Mechanical data   Makerial data         Without           Mechanical data   Mauriting data         PUR           Locking material         PA           Mechanical data   Mounting data         PUR           Locking technique         Snap-in connector           Environmental characteristics   Climatic         Climatic           Operating Inerperature max.         25 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Vivos on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection datas can be endangered by excessive bending forces.           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection datas can be endangered by excessive bending forces.	Distance	Transfer parameters	CAT6A
Status indication LED no  Device of protection [Electrical  Degree of protection [EN IEC 80528)   IP20   Pollution Degree   3   Ralad surge vallage   1 kV   Machanical data   Contour for corrugated hose   without   Machanical data   Locking material   PA   Machanical data   Machani	Setus indication LED no  Device protection   Electrical  Degree of protection   Electrical  Allow   Electrical   Electrical  Allow   Electrical   Electrical  Degree of protection   Electrical  Allow   Electrical  Degree of protection   Electrical  Allow   Electrical  Degree of protection   Elect	Data transmission rate max.	10 GBit/s
Degree of protection   Electrical   Papers of protection (EN IEC 60529)   IP20   Papers of Protection (EN IEC 60529)   IP20   Papers of Protection (EN IEC 60529)   I N V   Papers of Pape	Degree of protection   Electrical   Degree of protection (EN IEC 60529)   P20   P20   P20   P20   P20   P3   P3   P4   P4   P4   P4   P4   P5   P5   P5   P5   P5   P5   P5   P5	Diagnostics	
Degree of protection (EN IEC 60529) IP20 Pollution Degree 3 3 Raided surge voltage 1 kV Material group (IEC 606841) I Mochanical data  Contour for corrugated hose without Mochanical data   Material housing PA Material housing PA Material housing PA Machanical data   Munting data  Locking material PA Machanical data   Munting data  Locking techniques Snap in connector  Environmental characteristics   Climatic  Diperating temperature min. 25 °C  Diperating temperature min. 25 °C  Diperating temperature max. 85 °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.  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  wire arrangement white, blue, white, orange, white, green, white, brown  Zable identification 578  Racket Color red  Amount stranding 4  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 4  Stranded joints twisted  Alternation (blue, white, orange, white, green, white, brown  Material proved in substance PRINC  Material provides a Received to the minute of single wire arrangement white, blue, white, orange, white, green, white, brown  Material provides a Stranded joints twisted  Cable shelding (type 2) 1  Tolerance outer diameter (sheath) ± 5 %  Material wrive insulation  FINC  Material relief (sheath) ± 5 %  Material	Pegree of protection (EN IEC 60529) IP20 Pollution Degree 3 3 Rated surge votage 1 kV Material group (IEC 60664-1) I Mechanical data  Contour for corrugated hose without Mechanical data I Mech	Status indication LED	no
Degree of protection (EN IEC 60529) IP20 Pollution Degree 3 3 Raded surge voltage 1 kV Material group (IEC 606841) I Machanical data Contour for corrugated hose without Machanical data   Material housing PA Machanical data   Munting data   Machanical data   Munting data   Machanical data   Munting data   Machanical data   Material housing PA Machanical data   Munting data   Machanical data   Material data   Machanical data   Material housing PA Machanical data   Munting data   Machanical data   Material data   Materi	Pegree of protection (EN IEC 60529) IP20 Pollution Degree 3 3 Rated surge votage 1 kV Material group (IEC 60664-1) I Mechanical data  Contour for corrugated hose without Mechanical data I Mech	Device protection   Electrical	
Pelution Degree 3 Taked surge voltage 1 kV Mechanical data Contour for corrugated hose without Mechanical data   Material data Material proup (IEC 60684-1)   PR Mechanical data   Material data Material housing PA Locking material PA Mechanical data   Mounting data Locking material   Sample of Contour for Corrugated hose   PA Mechanical data   Mounting data Locking techniques Sample of Contour for Sample of Contour for Corrugated hose   PA Mechanical data   Mounting data Locking techniques   Sample of Contour for Corrugated hose   PA Mechanical data   Mounting data Locking techniques   Sample of Contour for Corrugated hose   PA Mechanical data   Mounting data Locking techniques   Sample of Contour for Corrugated hose   PA Mechanical data   Mounting data Locking techniques   PA Mechanical data   Mounting data Locking temperature min.   25 ° C  Operating temperature min.   25 ° C  Operating temperature max.   25 ° C  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   while, blue, while, orange, while, green, while, brown  Cable identification   578  Jacket Color   red  Amount stranding (type 2)   1  Stranding (type 3)   4 Stranded joints twisted  Cable ishielding (type)   0 coper braiding, bare  wire arrangement   while, blue, while, orange, while, green, while, brown  Material wire insulation   FRINC  Onder diameter (abeath)   5 %  Material wire insulation   FRINC  Onder diameter (abeath)   5 %  Material conductor wire   5 mm   5 mm   5 mm   5 mm   5 mm   5 m	Activation Degree 3  A laided surge voltage 1 k.V  Mechanical data 1  Mechanical data 2  Anterior for corrugated hose without 4  Mechanical data Material data Material data Material data Material dousing PA  Mechanical data I Mounting data PA  Mechanical data PA  Mechanical data I Mounting data PA  Mechanical data PA  Mechanical data I Mounting data PA  Mechanical data PA  Mechanical data I Mounting PA  M	•	IP20
Rated surge voltage 1 kV Material group (IEC 6968-41) I  Contour for corrupated hose without  Mechanical data   Material data  Methanical data   Material data  Methanical data   Material data  Mechanical data   Material data  Mechanical data   Mounting data  Looking material PA  Mechanical data   Mounting data  Looking techniques Snap-in connector  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature min25 °C  Operating temperature mas85 °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.  Note on bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wife arrangement white, blue, white, orange, white, green, white, brown  Cable identification 578  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper bradling, bare  white, blue, white, orange, white, green, white, brown  Material joxel FINC  Outer diameter (jacket) 6 mm  Tolerance outer diameter (jacket) 7  Diameter of single wire 27 AWG  Diameter of single wire 27 AWG  Diameter of single wire 27 AWG  Material view in sustalen 1 Strandid conductor wire Material view in sustalen 1 Strandid copper wire, bare Material view in sustalen 1 Strandid conductor wire Material view in sustalen 1 Strandid copper wire, bare Material view in sustalen 1 Strandid conport wire, bare Material view in sustalen 1 Strandid conport wire, bare Ma	Rated surge voltage 1 kV  Atternal group (EC 69684-1) I  Machanical data  Machanical data   Material data  Machanical data   Material data  Material housing PUR  Atternal housing PR  Machanical data   Mounting data  Looking techniques Snap-in connector  Environmental characteristics   Climatic  Deprating temperature min.  Deprating temperature max. 85 °C  Deprating temperature max. 85 °C  Deprating temperature max. 85 °C  Machanical 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   Gable  wire arrangement white, blue, white, orange, white, green, white, brown  Stranding (type 2)  Stranding (type 3)  Stranding (type 3)  Stranding (type 3)  Stranding (type 4)  Strander (taket)  FINC  Deluter-diameter (fackt)  FINC  Colled-reliameter (fackt)  FINC  Strander of single wires  8  Amount strands (wire)  7  Jameter of single wires  27 AWG  Conductor crosssection (wire)  Stranded copper wire, bare  Min. operating temperature (kitsed)  Go °C  Deparing temperature min. (dysamic)  O°C		
Material group (IEC 60664-1)  Mechanical data  Contour for corrugated hose without  Material housing PUR  Material housing PUR  Mechanical data   Material data  Mechanical data   Maunting data  Locking material  Deparating temperature min.  25 °C  Sperating temperature min.  25 °C  Operating temperature max.  85 °C  Additional condition temperature range  depending on cable quality  Important installation notes  Note on barding radius  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  white, blue, white, orange, white, green, white, brown  Standing (type 2)  Attending  2 wires twisted  Anount stranding (type 2)  4 Stranding (type 2)  4 Stranding (type 2)  5 Tall Stranding (type 2)  5 Tall Stranding (type 2)  4 Stranding (type 2)  5 Tall S	Material group (EC 60664-1)  Mochanical data  Contour for corrugated hose without  Material housing PUR  Material housing PUR  Material housing PA  Mechanical data   Material data  Mechanical data   Mounting data  Locking material PA  Mechanical data   Mounting data  Locking lethniques Snap-in connector  Environmental characteristics   Climatic  Diperating temperature min. 9.25 °C  Diperating temperature max. 85 °C  Moditional 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 white, blue, white, orange, white, green, white, brown  Lakel Color red  Amount stranding 4  Amount stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 4  Stranding (type 2) 1  Stranding (type 2) 4  Stranding (type 2) 1  Stranding (type 2) 4  Stranding (type 2) 5  Stranding (type 2) 5  Stranding (type 2) 6  Stranding (type 2) 7  Adelerial protection (type 2) 8  Amount stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 4  Stranding (type 2) 5  Stranding (type 2) 6  Stranding (type 2) 7  Adelerial protection (type 2) 6  Stranding (type 2) 7  Adelerial protection (type 2) 6  Stranding (type 2) 7  Adelerial protection (type 3) 7  Adelerial protection (type		
Mechanical data   Material data   Material data   Material data   Material housing   PUR   Locking material   PA   PA   Mechanical data   Mounting data   Mounting data   Locking techniques   Snap-in connector   Environmental characteristics   Climatic   Deparating temperature min.	Mechanical data   Material data   Maunting data   Decking methalia   Decking dechniques   Snap-in connector    Environmental characteristics   Climatic   Climati		
Mechanical data   Material data  Material housing PUR  Acking material PA  Mechanical data   Munting data  Locking material PA  Mechanical data   Munting data  Locking techniques Sanp-in connector  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  SS °C  Additional condition temperature range depending on cable quality  Important installation notes  Important installation notes  Note on shrain 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  wite arrangement Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wite arrangement Attending (1902)  Alternating (1902)  4 Stranded Joints twisted  Annount stranding (1902)  1 Stranding (1902)  4 Stranded Joints twisted  Annount stranding (1902)  Apperbication of the protection of the	Mechanical data   Material data  Material housing PUR  Addeficial housing PUR  Mechanical data   Mounting data  Locking material PA  Mechanical data   Mounting data  Locking techniques Snap-in connector  Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature man25 °C  Deparating temperature man25 °C  Deparating temperature man45 °C  Deparating temperature man45 °C  Additional condition temperature range depending on cable quality  Important installation notes  Vote 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  White, blue, white, orange, white, green, white, brown  Zable identification 578  Backet Color red  Anount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Anount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Auterial jacket FRINC  Duber-diameter (jacket) 6 mm  Folerance outer diameter (scheath) 2 5 %  Auterial jacket 9 6 mm  Folerance outer diameter (scheath) 7 7  Diameter of single wires 27 AWIG  Johnstein er of single wires 20 °C  Johnstein er of single wi	,	
Material housing PUR  Methanical data   Material data  Material housing PA  Mechanical data   Mounting data  Looking techniques Snap-in connector  Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature min25 °C  Deparating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Viole 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 white, blue, white, orange, white, green, white, brown  Cable identification 578  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Auterial jacket Color  Amount stranding (type 2) 4 Stranded joints twisted  Cable identification (type) copper braiding, bare  wite arrangement white, blue, white, orange, white, green, white, brown  Material jacket FIRIC  Diterance outer diameter (sheath) ± 5 %  Material wire insulation FIRIC  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire  Vint. operating temperature (static) 29 °C  Material conductor wire  Vint. operating temperature (static) 60 °C  Vint. operating temperature (fixed) 60 °C	Material housing PUR  Activity material Mounting data  Acking material Mounting data  Acking lemperature min.  Activity material max.  Beruity material max.  Beruity max.		
Machail housing PUR  Michanical data   Mounting data  Looking material  Looking techniques  Snap-in connector  Environmental characteristics   Climatic  Pervironmental characteristics   Climatic  Deparating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain reliel  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  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  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  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  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  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  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable the IP protection class can be endangered by excessive bending forces.  Installation   Cable the IP protection class can be endangered by excessive bending forces.  Installation   Cable the IP protection class can be endangered by excessive bending forces.  Installation   Cable the IP protection class can be endangered by excessive bending forces.  Installation   Cable the IP protection class can be endangered by excessive bending forces.  Installation   Cable the IP protection class can be endangered by	Auterial housing PUR Mechanical data   Mounting data  Auterial recording techniques Snap-in connector  Environmental characteristics   Climatic  Operating temperature min25 °C  Additional condition temperature max25 °C  Additional condition temperature range depending on cable quality  Important installation notes  Vote 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 white, bitue, white, orange, white, green, white, brown  Zable identification 578  Zable identification 44  Amount stranding (type 2) 1  Zamount stranding (type 2) 1  Zamount stranding (type 2) 4 Stranded joints twisted  Zable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Zable identification 578  Zamount stranding (type 2) 1  Zamount stranding (type 2) 52  Zable shielding (type) 53  Zable shielding (type) 75  Zable shielding (t	<u> </u>	without
Mechanical data   Mounting data    Mechanical data   Mounting data    Looking material    Mechanical data   Mounting data    Looking techniques    Snap-in connector    Environmental characteristics   Climatic    Deperating temperature min.	Mechanical data   Mounting data    Mechanical data   Mounting data    Mechanical data   Mounting data    Departating temperature min.	·	
Mechanical data   Mounting data Looking techniques Snap-in connector  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Operating temperature max. 85 °C  Note on strain relief 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 white, blue, white, orange, white, green, white, brown  Cable identification 578  Stranding 4  Stranding (type 2) 4  Stranding (type 2) 1  Stranding (type 2) 4  Stranding (type 2) 5  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRINC  Douter-diameter (jacket) 6  mm  Toterance outer diameter (sheath) 2:5 %  Material wire insulation FRINC  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material conductor wire Stranded copper wire, bare  Material conductor wire  Material conductor wire  Material conductor wire  Material temperature (state) 40 °C  Max. operating temperature (state) 60 °C	Mechanical data   Mounting data .coking techniques Snap-in connector  Environmental characteristics   Climatic Deparating temperature min25 °C Deparating temperature max. 85 °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 white, blue, white, orange, white, green, white, brown Cable identification 578  Jackete Color red Amount stranding 4  Stranding 2 wires twisted Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted Zable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC Direariemeter (jacket) 6 mm  Tolerarience uter diameter (sheath) ± 5 %  Material wire insulation FRNC Amount strands (wire) 7  Diameter of single wires 27 AWG  Donarding temperature (fixed) 60 °C  Diparating temperature min. (dynamic) 0 °C	<u> </u>	
Environmental characteristics   Climatic  Deparating temperature min25 °C  Operating temperature max. 85 °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 white, blue, white, orange, white, green, white, brown  Standing 578  Jacket Color red  Amount stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Stranding (type 2) 2  Sable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Amount strands (wire) 7  Diameter of single wires 27 AWG  Danduction of the conductor wire berature (state) 20 °C  Max. operating temperature (state) 50 °C  Amount stranding temperature (state) 50 °C  Max. operating temperature (state) 50 °C  Max. operating temperature (state) 50 °C	Environmental characteristics   Climatic  Deparating temperature min.	_ocking material	PA
Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °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 white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding 4  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material parking temperature (static) 29 °C  Max. operating temperature (static) 60 °C  Max. operating temperature (static) 60 °C   depending on cable quality  depending on depending on pending on cable quality  depending on depending on pending on pending of cable	Environmental characteristics   Climatic  Operating temperature min	Mechanical data   Mounting data	
Operating temperature min.  -25 °C Operating temperature max.  85 °C Additional condition temperature range depending on cable quality  Important installation notes  Vote 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 white, blue, white, orange, white, green, white, brown  2able identification 578  Jakcet Color red  Amount stranding (type 2) 1  Stranding 2 wires twisted  Amount stranding (type 2) 4 Stranded joints twisted  Cable shielding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material productor wire Stranded copper wire, bare  Win. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	Departing temperature min.  -25 °C Departing temperature max.  85 °C Additional condition temperature range  depending on cable quality  Important installation notes  Vote 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 white, blue, white, orange, white, green, white, brown  Jacket Color red  Amount stranding 4  Stranding 2 wires wisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Jacket Stranding (type 2) 4 Stranded joints twisted  Jacket Jacket FRINC  Jouer-diameter (jacket) 6 mm  Joler-ance outer diameter (sheath) 5 %  Material jacket  Jouer-diameter (sheath) 5 %  Material wire insulation FRINC  Jouer-diameter (sheath) 5 %  Material acket Jouer-diameter (sheath) 5 %  Material wire insulation FRINC  Jouer-diameter (sheath) 5 %  Material wire insulation FRINC  Jouer-diameter (sheath) 5 %  Material acket Jouer-diameter (sheath) 5 %  Material conductor wire 5 %  Jouer-diameter (sheath) 5 %  Material conductor wire 5 %  Jouer-diameter (sheath) 5 %  Material conductor wire 5 %  Material conductor wire 5 %  Material conductor wire 6 %  Jouer-diameter (sheath) 6 % C  Jouer-diameter (sheath) 7 %  Jouer-diameter (sheath) 7	_ooking techniques	Snap-in connector
Denating temperature max.  85 °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 white, blue, white, orange, white, green, white, brown  Zable identification 578  Jacket Color red  Amount stranding  2 wires twisted  Amount stranding (type 2)  1 Stranding (type 2)  4 Stranded joints twisted  Zable shielding (type)  wire arrangement white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket)  6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  FRNC  Amount strands (wire)  7  Diameter of single wires  27 AWG  Material fonductor wire  Stranded copper wire, bare  Min. operating temperature (static)  -20 °C  Max. operating temperature (fixed)  60 °C	Departing 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 white, blue, white, orange, white, green, white, brown  Zable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Zable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRINC  Duter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRINC  Amount strands (wire) 7  Diameter of single wires 27 AWG  John Strands (wire) 7  Diameter of single wires 27 AWG  John Landing temperature (static) -20 °C  Max. operating temperature (static) -20 °C  Max. operating temperature min. (dynamic) 0 °C	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 white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Couter-diameter (sacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Win. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °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 white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  write arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount strands (wire) 7  Diameter of single wires 27 AWG  John Stranded copper wire, bare  Wire, operating temperature (static) -20 °C  Wixe, operating temperature (fixed) 60 °C  Deparating temperature min. (dynamic) 0 °C	Operating temperature min.	-25 °C
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 white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding 4  Amount stranding 2 wires twisted  Amount stranding (type 2) 1  Cable shielding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Couter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount strands (wire) 7  Conductor crosssection (wire) 27 AWG  Material ordinative (single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material temperature (static) -20 °C  Max. operating temperature (fixed) 60 °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   Cabl	Operating temperature max.	85 °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  Write arrangement white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding  2 wires twisted  Amount stranding (type 2)  1 Stranding (type 2)  4 Stranded joints twisted  Cable shielding (type)  copper braiding, bare  write arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket)  Germaneur diameter (sheath)  ± 5 %  Material wire insulation FRNC  Amount strands (wire)  7  Diameter of single wires  27 AWG  Conductor crosssection (wire)  Attended opper wire, bare  Win. operating temperature (static)  -20 °C  Max. operating temperature (fixed)  60 °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  White, blue, white, orange, white, green, white, brown  Cable identification 578  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Cable shielding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Fennce outer diameter (sheath) ± 5 %  Amount strands (wire) 7  Diameter of single wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) 0 °C  Deparating temperature min. (dynamic) 0 °C	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  Write arrangement white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Outer-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material strands (wire) 7  Diameter of single wires 5 stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	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	Important installation notes	
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 white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable identification your praiding, bare  write arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Outer-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount vires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material strands (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Win. operating temperature (fixed) 60 °C  Max. operating temperature (fixed) 60 °C	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	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
wire arrangement white, blue, white, orange, white, green, white, brown Cable identification 578 Jacket Color red Amount stranding 4 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown Material jacket FRNC Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (fixed) 60 °C Max. operating temperature (fixed) 60 °C	white arrangement white, blue, white, orange, white, green, white, brown  Cable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  FRNC  Amount wires 88  Amount wires 88  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material conductor wire Stranded copper wire, bare  Win. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C  Operating temperature min. (dynamic) 0 °C	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Outer-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	Cable identification 578  Amount stranding 4  Amount stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material conductor wire Stranded copper wire, bare  Win. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C  Deperating temperature (in. (dynamic) 0 °C	Installation   Cable	
Cable identification 578  Jacket Color red  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Outer-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	Cable identification 578  Amount stranding 4  Amount stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braiding, bare  wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Material conductor wire Stranded copper wire, bare  Win. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C  Deperating temperature (in. (dynamic) 0 °C	wire arrangement	white, blue, white, orange, white, green, white, brown
Amount stranding 4 Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown Material jacket FRNC Duter-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Win. operating temperature (static) 60 °C Wax. operating temperature (fixed) 60 °C	Amount stranding 4 Amount stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown Material jacket FRNC Couter-diameter (jacket) 6 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Win. operating temperature (static) -20 °C Max. operating temperature (min. (dynamic) 0 °C		
Amount stranding 4 Amount stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown Material jacket FRNC Duter-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Win. operating temperature (static) 60 °C Max. operating temperature (fixed) 60 °C	Amount stranding 4 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown Material jacket FRNC Duter-diameter (jacket) 6 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (static) -20 °C Max. operating temperature (fixed) 60 °C Operating temperature min. (dynamic) 0 °C		red
Amount stranding (type 2)  4 Stranded joints twisted Cable shielding (type)  copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown Material jacket FRNC Cuter-diameter (jacket) 6 mm Folerance outer diameter (sheath) 4 5 % Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Win. operating temperature (static) -20 °C Max. operating temperature (fixed) 6 0 °C	Amount stranding (type 2)  4 Stranded joints twisted Cable shielding (type)  copper braiding, bare wire arrangement  white, blue, white, orange, white, green, white, brown  Material jacket  FRNC  Duter-diameter (jacket)  6 mm  Folerance outer diameter (sheath)  4 5 %  Material wire insulation  FRNC  Amount wires  8  Amount strands (wire)  7  Diameter of single wires  27 AWG  Conductor crosssection (wire)  27 AWG  Material conductor wire  Stranded copper wire, bare  Win. operating temperature (static)  0 °C  Deparating temperature min. (dynamic)  0 °C		4
Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown Material jacket FRNC Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) 4 5 % Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 47 AWG Material conductor wire Stranded copper wire, bare Win. operating temperature (static) -20 °C Max. operating temperature (fixed) 6 6 °C	Stranding (type 2) 4 Stranded joints twisted  cable shielding (type) wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Outer-diameter (jacket) 6 mm  Tolerance outer diameter (sheath)  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire)  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static)  O °C  Operating temperature min. (dynamic)  O o °C  Assignment strands (wine)  Occupiend of single wires  A stranded joints twisted  Occupient white, green, white, brown  Here, white, prown  FRNC  A mount strands (wire)  7  Oliameter of single wires  27 AWG  Occupient of single wires  Occupient occupi	Stranding	2 wires twisted
Cable shielding (type) wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) 6 °C  Code Code  Max. operating temperature (fixed) 6 °C	Cable shielding (type) copper braiding, bare wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Outer-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) 0 °C  Operating temperature min. (dynamic) 0 °C	Amount stranding (type 2)	1
wire arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	white arrangement white, blue, white, orange, white, green, white, brown  Material jacket FRNC  Duter-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C  Departing temperature min. (dynamic) 0 °C	Stranding (type 2)	4 Stranded joints twisted
Material jacket FRNC Duter-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 % Material wire insulation FRNC  Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) 60 °C	Material jacket FRNC Duter-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 % Material wire insulation FRNC  Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature min. (dynamic) 0 °C	Cable shielding (type)	copper braiding, bare
Duter-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	Duter-diameter (jacket) 6 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature min. (dynamic) 0 °C	vire arrangement	white, blue, white, orange, white, green, white, brown
Tolerance outer diameter (sheath) ±5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	Folerance outer diameter (sheath) ± 5 %  Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C  Operating temperature min. (dynamic) 0 °C	Material jacket	FRNC
Material wire insulation FRNC Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (static) -20 °C Max. operating temperature (fixed) 60 °C	Material wire insulation FRNC  Amount wires 8  Amount strands (wire) 7  Diameter of single wires 27 AWG  Conductor crosssection (wire) 27 AWG  Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C  Operating temperature min. (dynamic) 0 °C	Outer-diameter (jacket)	6 mm
Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (static) -20 °C Max. operating temperature (fixed) 60 °C	Amount wires 8 Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (static) -20 °C Max. operating temperature (fixed) 60 °C Operating temperature min. (dynamic) 0 °C	Folerance outer diameter (sheath)	± 5 %
Amount strands (wire) 7 Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 60 °C	Amount strands (wire)  Diameter of single wires  27 AWG  Conductor crosssection (wire)  27 AWG  Material conductor wire  Stranded copper wire, bare  Min. operating temperature (static)  Amount strands (wire)  27 AWG  Operating temperature (fixed)  60 °C  Operating temperature min. (dynamic)  0 °C	Material wire insulation	FRNC
Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (static) -20 °C Max. operating temperature (fixed) 60 °C	Diameter of single wires 27 AWG Conductor crosssection (wire) 27 AWG Material conductor wire Stranded copper wire, bare Min. operating temperature (static) -20 °C Max. operating temperature (fixed) 60 °C Operating temperature min. (dynamic) 0 °C	Amount wires	8
Conductor crosssection (wire)  27 AWG  Material conductor wire  Stranded copper wire, bare  Min. operating temperature (static)  -20 °C  Max. operating temperature (fixed)  60 °C	Conductor crosssection (wire)  27 AWG  Material conductor wire  Stranded copper wire, bare  Min. operating temperature (static)  -20 °C  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  0 °C		
Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	Material conductor wire Stranded copper wire, bare  Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C  Operating temperature min. (dynamic) 0 °C	· · · ·	
Min. operating temperature (static) -20 °C  Max. operating temperature (fixed) 60 °C	Min. operating temperature (static)  -20 °C  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  0 °C	Diameter of single wires	
Max. operating temperature (fixed) 60 °C	Max. operating temperature (fixed) 60 °C  Operating temperature min. (dynamic) 0 °C	Diameter of single wires Conductor crosssection (wire)	27 AWG
	Operating temperature min. (dynamic) 0 °C	Diameter of single wires Conductor crosssection (wire)	27 AWG Stranded copper wire, bare
Operating temperature min. (dynamic) 0 °C		Diameter of single wires Conductor crosssection (wire) Material conductor wire Min. operating temperature (static)	27 AWG Stranded copper wire, bare -20 °C
	Operating temperature max. (dynamic) 50 °C	Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Min. operating temperature (static)  Max. operating temperature (fixed)	27 AWG Stranded copper wire, bare -20 °C 60 °C

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: 2025-06-05



Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic)	5 x Outer diameter