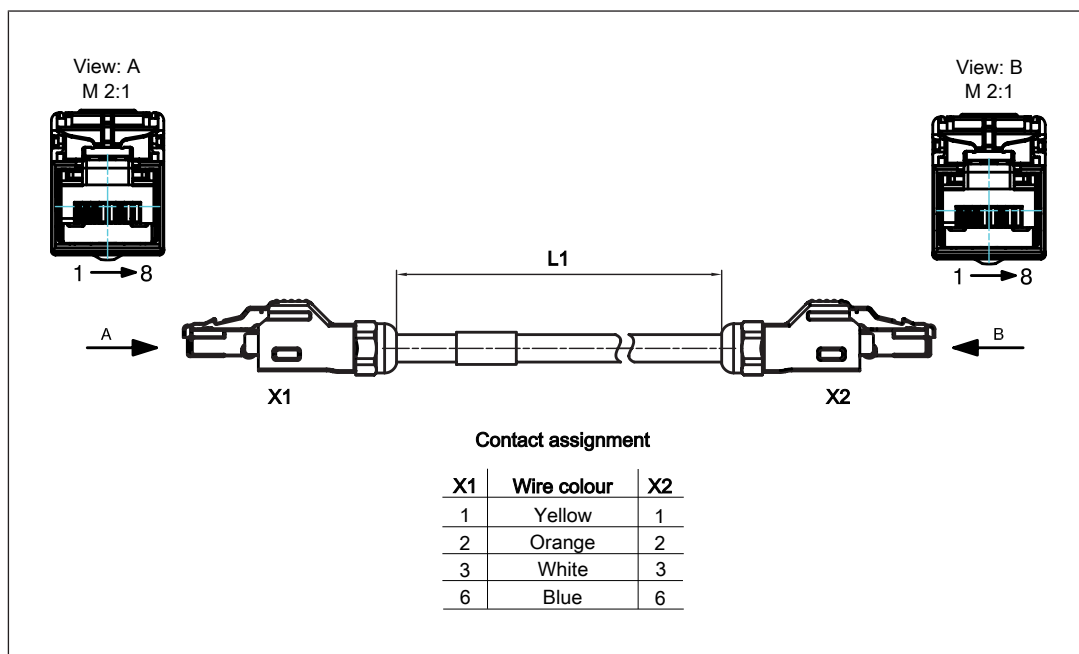


Accessories

SN CAB RJ45 RJ45

Connector pin assignment



Technical details Order no. 380001, 380003, 380005

General	380001	380003	380005
Certifications	-	-	-
Electrical data	380001	380003	380005
Rated voltage			
Voltage UB	24 V	24 V	24 V
Kind	DC	DC	DC
Rated current	0,5 A	0,5 A	0,5 A
Test voltage	500 V	500 V	500 V
Characteristic impedance K1	100 Ohm	100 Ohm	100 Ohm
Environmental data	380001	380003	380005
Ambient temperature			
Temperature range	-40 - 70 °C	-40 - 70 °C	-40 - 70 °C
Storage temperature			
Temperature range	-40 - 80 °C	-40 - 80 °C	-40 - 80 °C
Protection type			
X1 when inserted	IP20	IP20	IP20
X2 when inserted	IP20	IP20	IP20

Accessories

SN CAB RJ45 RJ45

Mechanical data	380001	380003	380005
Plug-in connector X1	4-pin RJ45 male connector	4-pin RJ45 male connector	4-pin RJ45 male connector
Form, plug-in connector X1	Straight	Straight	Straight
Plug-in connector X2	4-pin RJ45 male connector	4-pin RJ45 male connector	4-pin RJ45 male connector
Form, plug-in connector X2	Straight	Straight	Straight
Housing material X1	PC/PA 6	PC/PA 6	PC/PA 6
Housing material X2	PC/PA 6	PC/PA 6	PC/PA 6
Material of contact surface X1	Au	Au	Au
Material of contact surface X2	Au	Au	Au
Material of contact body	PA 6	PA 6	PA 6
Material of pin	CuZn	CuZn	CuZn
Conductor material K1	Cu	Cu	Cu
Insulating cover for conductor K1	PE	PE	PE
Mating cycles X1	750	750	750
Mating cycles X2	750	750	750
Cable length L1	0,5 m	1 m	2 m
Cable length tolerance K1	+ 0,025m	+ 0,035m	+ 0,035m
Material of shield surface cable K1	Sn	Sn	Sn
Category cable K1	Cat5e	Cat5e	Cat5e
Colour of external cable insulation K1	Signal yellow, RAL1003	Signal yellow, RAL1003	Signal yellow, RAL1003
Colour of housing	Signal yellow, RAL1003	Signal yellow, RAL1003	Signal yellow, RAL1003
Min. bending radius (fixed permanently) K1	5 x Ø	5 x Ø	5 x Ø
Min. bending radius (moving) K1	15 x Ø	15 x Ø	15 x Ø
Cable insulation material K1	PUR	PUR	PUR
Drag chain suitable K1	No	No	No
Cable diameter K1	6,5 mm	6,5 mm	6,5 mm
Max. cable diameter K1	6,9 mm	6,9 mm	6,9 mm
Max. constant tensile force cable K1	150 N	150 N	150 N
Conductor cross section K1	0,35 mm ²	0,35 mm ²	0,35 mm ²
Conductor cross section AWG K1	22	22	22

Accessories

SN CAB RJ45 RJ45

Mechanical data	380001	380003	380005
Wire colour K1	White, yellow, blue, orange	White, yellow, blue, orange	White, yellow, blue, orange
Stranding K1	Twisted quad	Twisted quad	Twisted quad
Shielding K1	yes	yes	yes
Shield type K1	Wire mesh	Wire mesh	Wire mesh
Wire layer separation K1	yes	yes	yes
No. of wires K1	4	4	4
Certification cable K1	CSA AWM I/II A/B, UL AWM-Style 20236	CSA AWM I/II A/B, UL AWM-Style 20236	CSA AWM I/II A/B, UL AWM-Style 20236
Halogen-free	yes	yes	yes
Silicone-free	yes	yes	yes
Oil resistance	Resistant	Resistant	Resistant
Non-flammability	CSA FT-1, IEC 60332-1-2, UL 1581	CSA FT-1, IEC 60332-1-2, UL 1581	CSA FT-1, IEC 60332-1-2, UL 1581
Material			
Housing	PC	PC	PC
Dimensions			
Height	18,2 mm	18,2 mm	18,2 mm
Width	14 mm	14 mm	14 mm
Depth	50,5 mm	50,5 mm	50,5 mm
Weight	50 g	78 g	131 g

Technical details Order no. 380007, 380009

General	380007	380009
Certifications	-	-
Electrical data	380007	380009
Rated voltage		
Voltage UB	24 V	24 V
Kind	DC	DC
Rated current	0,5 A	0,5 A
Test voltage	500 V	500 V
Characteristic impedance K1	100 Ohm	100 Ohm
Environmental data	380007	380009
Ambient temperature		
Temperature range	-40 - 70 °C	-40 - 70 °C
Storage temperature		
Temperature range	-40 - 80 °C	-40 - 80 °C

Accessories

SN CAB RJ45 RJ45

Environmental data	380007	380009
Protection type		
X1 when inserted	IP20	IP20
X2 when inserted	IP20	IP20
Mechanical data	380007	380009
Plug-in connector X1	4-pin RJ45 male connector	4-pin RJ45 male connector
Form, plug-in connector X1	Straight	Straight
Plug-in connector X2	4-pin RJ45 male connector	4-pin RJ45 male connector
Form, plug-in connector X2	Straight	Straight
Housing material X1	PC/PA 6	PC/PA 6
Housing material X2	PC/PA 6	PC/PA 6
Material of contact surface X1	Au	Au
Material of contact surface X2	Au	Au
Material of contact body	PA 6	PA 6
Material of pin	CuZn	CuZn
Conductor material K1	Cu	Cu
Insulating cover for conductor K1	PE	PE
Mating cycles X1	750	750
Mating cycles X2	750	750
Cable length L1	5 m	10 m
Cable length tolerance K1	+ 0,055m	+ 0,110m
Material of shield surface cable K1	Sn	Sn
Category cable K1	Cat5e	Cat5e
Colour of external cable insulation K1	Signal yellow, RAL1003	Signal yellow, RAL1003
Colour of housing	Signal yellow, RAL1003	Signal yellow, RAL1003
Min. bending radius (fixed permanently) K1	5 x Ø	5 x Ø
Min. bending radius (moving) K1	15 x Ø	15 x Ø
Cable insulation material K1	PUR	PUR
Drag chain suitable K1	No	No
Cable diameter K1	6,5 mm	6,5 mm
Max. cable diameter K1	6,9 mm	6,9 mm
Max. constant tensile force cable K1	150 N	150 N
Conductor cross section K1	0,35 mm²	0,35 mm²
Conductor cross section AWG K1	22	22
Wire colour K1	White, yellow, blue, orange	White, yellow, blue, orange
Stranding K1	Twisted quad	Twisted quad
Shielding K1	yes	yes
Shield type K1	Wire mesh	Wire mesh
Wire layer separation K1	yes	yes

Accessories

SN CAB RJ45 RJ45

Mechanical data	380007	380009
No. of wires K1	4	4
Certification cable K1	CSA AWM I/II A/B, UL AWM-Style 20236	CSA AWM I/II A/B, UL AWM-Style 20236
Halogen-free	yes	yes
Silicone-free	yes	yes
Oil resistance	Resistant	Resistant
Non-flammability	CSA FT-1, IEC 60332-1-2, UL 1581	CSA FT-1, IEC 60332-1-2, UL 1581
Material		
Housing	PC	PC
Dimensions		
Height	18,2 mm	18,2 mm
Width	14 mm	14 mm
Depth	50,5 mm	50,5 mm
Weight	297 g	633 g

Order reference

Product type	Features	Connector X1	Connector X2	Order no.
SN CAB RJ45s RJ45s, 0.5m	0.5 m	RJ45 male connector, straight	RJ45 male connector, straight	380 001
SN CAB RJ45s RJ45s, 1m	1 m	RJ45 male connector, straight	RJ45 male connector, straight	380 003
SN CAB RJ45s RJ45s, 2m	2 m	RJ45 male connector, straight	RJ45 male connector, straight	380 005
SN CAB RJ45s RJ45s, 5m	5 m	RJ45 male connector, straight	RJ45 male connector, straight	380 007
SN CAB RJ45s RJ45s, 10m	10 m	RJ45 male connector, straight	RJ45 male connector, straight	380 009