

enclosures:
size "21.21"

page:

insulating type

(CK IN, CKG/MKG VN) 458-459 *

metallic type

(CKAX I/IAP/AP/VG,
CKAG/MKAG V) 460-461 *

IP68

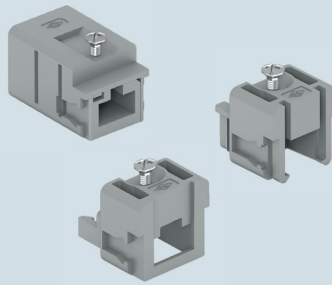
(CGK I, CGK/MGK IAP,
CGK/MGK V) 372-373 *

* refer to CN.12 catalogue page

- characteristics according to EN 61984:

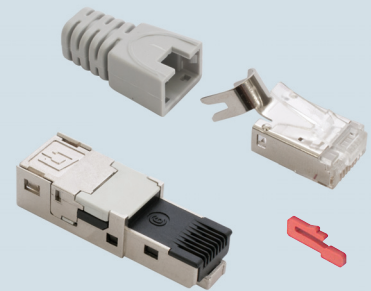
- 1A 50V 0,8kV 3**
- insulation resistance: $\geq 10 \text{ G}\Omega$
- made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- temperature range: from -40°C to $+70^\circ\text{C}$
- we recommend to fix the cable with cable tie

adapters for RJ45 male connectors,
RJ45 female connectors



AVAILABLE
3rd QUARTER 2015

RJ45 male connectors,
crimp IDC termination



AVAILABLE

description

part No.

part No.

- socket insert with 1 RJ45 female connector,
- plug inserts for 1 RJ45 male crimp connector,
8 data contacts (without RJ45 connector,
to be ordered separately)
- plug insert for 1 RJ45 male IDC connector,
8 data contacts (without RJ45 connector,
to be ordered separately)

CJK 8FT
CJK 8MT

CJK 8IMT

- RJ45 male crimp connector, 8 data contacts
- RJ45 male IDC connector, 8 data contacts

CJK 8FT technical data:

- RJ45 female insert, Cat. 6 Class E_A (Telegärtner)
- shielding housing: zinc diecast
- housing finish: nickel-plated
- current carrying capacity at 50°C : 1A
- adequate for Power over Ethernet:
PoE according to IEEE 802.3af
- connectors: IEC 60603-7-5
- adequate for 10 Gigabit Ethernet:
10 Gigabit Ethernet acc. to IEEE 802.3an
- custom-designed cabling systems: PROFINET
Installation Guideline
- generic cabling systems:
ANSI/TIA/EIA-568-C.2
ISO/IEC 11801
EN50173-1
ISO/IEC 24702
EN 61918
- class E_A (channel): ISO/IEC 11801, EN 50173-1

CX 8 J6M technical data:

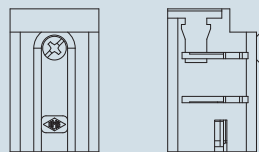
- RJ45 male crimp connectors Cat. 6_A (Telegärtner)
- crimp pliers: **CJPZ T**
- screened cable stripper: **CJST**
- Cu-conductor diameter
solid: 0,40 - 0,51 mm (AWG 26/1 - 24/1)
stranded: 0,46 - 0,61 mm (AWG 27/7 - 24/7)
- insulation diameter: 0,85 - 1,05 mm
- cable diameter: 5,0 - 7,0 mm
- connectors: IEC 60603-7-5
- 10 Gigabit Ethernet acc. to IEEE 802.3an:
adequate for 10 Gigabit Ethernet
- category 6_A: ISO/IEC 11801; EN 50173-1
- class E_A: ISO/IEC 11801; EN 50173-1
- category 6_A: ANSI/TIA/EIA-568-C.2

CX 8 J6IM technical data:

- RJ45 male IDC connectors Cat. 6 Class E_A (Telegärtner)
- Cu-conductor diameter
solid: 0,41 - 0,64 mm (AWG 26/1 - 22/1)
stranded: 0,48 - 0,76 mm (AWG 26/7 - 22/7)
- insulation diameter: 0,85 - 1,6 mm
- cable diameter: 5,5 - 8,5 mm
- connectors: IEC 60603-7-5
- category 6_A: ISO/IEC 11801; DIN EN 50173-1
- wrenches pliers for CX 8 J6IM: **CJPW K**
- 10 Gigabit Ethernet acc. to IEEE 802.3an:
adequate for 10 Gigabit Ethernet
- category 6_A: ISO/IEC 11801; EN 50173-1
- class E_A: ISO/IEC 11801; EN 50173-1
- category 6_A: ANSI/TIA/EIA-568-C.2
- custom-designed cabling systems:
according to PROFINET Installation Guideline

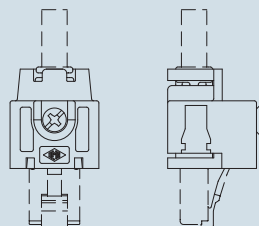
dimensions in mm

CJK 8FT



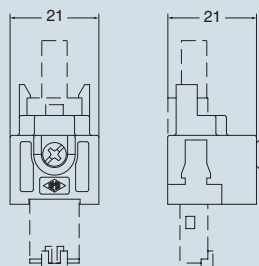
F

CJK 8MT



M (CRIMP)

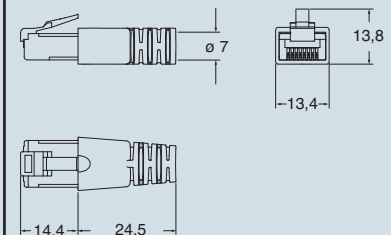
CJK 8IMT



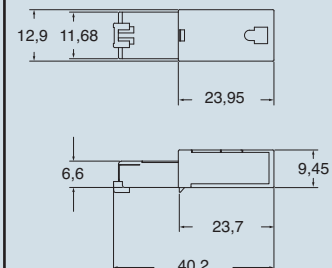
M (IDC)

dimensions in mm

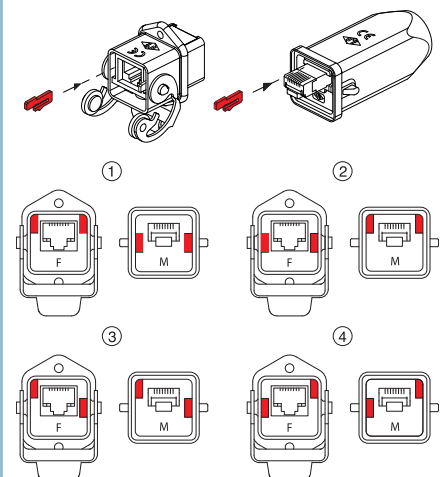
CX 8 J6M (can be used with CJK 8MT)



CX 8 J6IM (can be used with CJK 8IMT)



How to use CR KC coding pins



dimensions shown are not binding
and may be changed without notice

with 2 RJ45 male connectors



AVAILABLE

description	part No.	(L) meter
RJ45 male connector with 8 data contacts	CW 1 J2M87	1
	CW 2 J2M87	2
	CW 3 J2M87	3
	CW 5 J2M87	5
	CW 7.5 J2M87	7,5
	CW 10 J2M87	10
	CW 15 J2M87	15

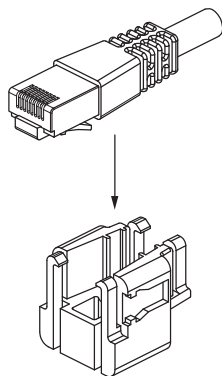
RJ45 patch cord technical data (Telegärtner):

- S/FTP Cat. 7 PUR
- temperature range: from -40 °C + +75 °C
- nickel plated brass screening
- green RAL 6018 colour

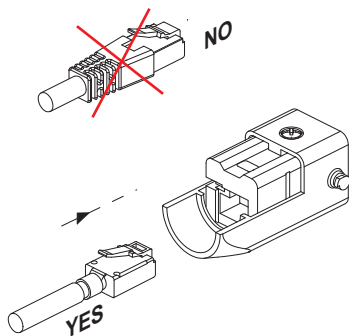
Can be used with:

- MIXO RJ45 CX 01 J8M male inserts
- CJK 8MT adaptors

CJK 8MT MALE ASSEMBLY



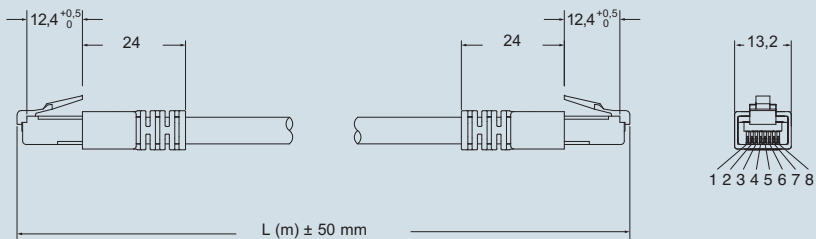
**CJK 8FT
TO BE USED IN HOOD**



dimensions shown are not binding
and may be changed without notice

dimensions in mm

CW...J2M87



Wiring Diagram

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
S	S