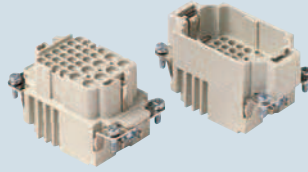


enclosures:
size "57.27" page:

C-TYPE IP65/IP66	244 - 249
C7 IP67, two levers	275
V-TYPE IP65/IP66, single lever	281/288 - 291
BIG hoods	308 - 311
T-TYPE IP65 insulating	328 - 329
T-TYPE / W IP66 insulating	338 - 339
HYGIENIC T-TYPE / H IP66/IP69	352 - 353
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	360 - 361
W-TYPE for aggressive environments	374
EMC	393
central lever	406 - 407
IP68	424 - 427
LS-TYPE	452 - 453

panel supports: page:
COB

inserts,
crimp connections



16A and 10A crimp contacts
normal and for advanced opening
silver and gold plated



description

part No.

part No. part No.

without contacts (to be ordered separately)
female inserts for female contacts
male inserts for male contacts

CXF 8/24
CXM 8/24

16A female contacts

0,14-0,37 mm ²	AWG 26-22	three grooves
0,5 mm ²	AWG 20	with no grooves
0,75 mm ²	AWG 18	one groove (back side)
1 mm ²	AWG 18	one groove
1,5 mm ²	AWG 16	two grooves
2,5 mm ²	AWG 14	three grooves
3 mm ²	AWG 12	one wide groove
4 mm ²	AWG 12	with no grooves

CCFA 0.3	CCFD 0.3
CCFA 0.5	CCFD 0.5
CCFA 0.7	CCFD 0.7
CCFA 1.0	CCFD 1.0
CCFA 1.5	CCFD 1.5
CCFA 2.5	CCFD 2.5
CCFA 3.0	CCFD 3.0
CCFA 4.0	CCFD 4.0

CCMA 0.3	CCMD 0.3
CCMA 0.5	CCMD 0.5
CCMA 0.7	CCMD 0.7
CCMA 1.0	CCMD 1.0
CCMA 1.5	CCMD 1.5
CCMA 2.5	CCMD 2.5
CCMA 3.0	CCMD 3.0
CCMA 4.0	CCMD 4.0

16A male contacts

0,14-0,37 mm ²	AWG 26-22	three grooves
0,5 mm ²	AWG 20	with no grooves
0,75 mm ²	AWG 18	one groove (back side)
1 mm ²	AWG 18	one groove
1,5 mm ²	AWG 16	two grooves
2,5 mm ²	AWG 14	three grooves
3 mm ²	AWG 12	one wide groove
4 mm ²	AWG 12	with no grooves

CC 0.5 AN
CC 0.7 AN
CC 1.0 AN
CC 1.5 AN
CC 2.5 AN

CC 0.5 AN
CC 0.7 AN
CC 1.0 AN
CC 1.5 AN
CC 2.5 AN

16A male crimp contacts for advanced opening

0,5 mm ²	AWG 20	with no grooves
0,75 mm ²	AWG 18	one groove (back side)
1 mm ²	AWG 18	one groove
1,5 mm ²	AWG 16	two grooves
2,5 mm ²	AWG 14	three grooves

CDFA 0.3	CDFD 0.3
CDFA 0.5	CDFD 0.5
CDFA 0.7	CDFD 0.7
CDFA 1.0	CDFD 1.0
CDFA 1.5	CDFD 1.5
CDFA 2.5	CDFD 2.5

CDMA 0.3	CDMD 0.3
CDMA 0.5	CDMD 0.5
CDMA 0.7	CDMD 0.7
CDMA 1.0	CDMD 1.0
CDMA 1.5	CDMD 1.5
CDMA 2.5	CDMD 2.5

10A female contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

CDMA 0.3	CDMD 0.3
CDMA 0.5	CDMD 0.5
CDMA 0.7	CDMD 0.7
CDMA 1.0	CDMD 1.0
CDMA 1.5	CDMD 1.5
CDMA 2.5	CDMD 2.5

CDMA 0.3	CDMD 0.3
CDMA 0.5	CDMD 0.5
CDMA 0.7	CDMD 0.7
CDMA 1.0	CDMD 1.0
CDMA 1.5	CDMD 1.5
CDMA 2.5	CDMD 2.5

10A male contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

CDMA 0.3	CDMD 0.3
CDMA 0.5	CDMD 0.5
CDMA 0.7	CDMD 0.7
CDMA 1.0	CDMD 1.0
CDMA 1.5	CDMD 1.5
CDMA 2.5	CDMD 2.5

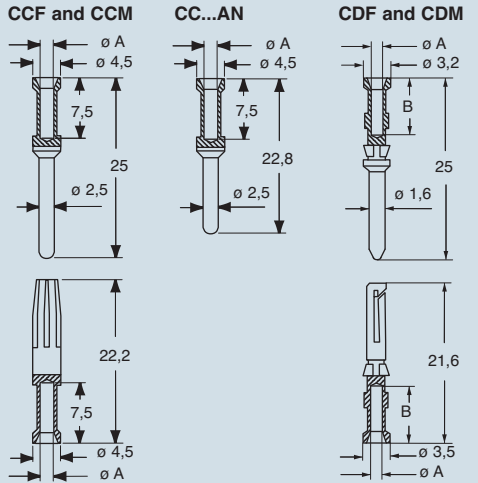
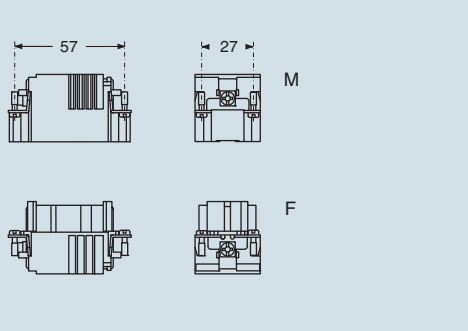
CDMA 0.3	CDMD 0.3
CDMA 0.5	CDMD 0.5
CDMA 0.7	CDMD 0.7
CDMA 1.0	CDMD 1.0
CDMA 1.5	CDMD 1.5
CDMA 2.5	CDMD 2.5

- characteristics according to EN 61984:
16A 230/400V 4kV 3
16A 400V 4kV 2
10A 160V 2,5kV 3
10A 250V 4kV 2

dimensions in mm

dimensions in mm

- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ (8 poles)
≤ 3 mΩ (24 poles)
- for maximum current load, see the insert load curve section on page 563
- for contact crimping, see the crimp tool section (16A contacts CCF, CCM, CC...AN series and 10A contacts CDF, CDM series) on pages 534, 538, 544, 546, 548
- PCBs interface, see article CIF 2.4 (10A contacts)



dimensions shown are not binding
and may be changed without notice

- characteristics for contacts:
CCF, CCM and CC...AN see page 167
CDF and CDM see page 168

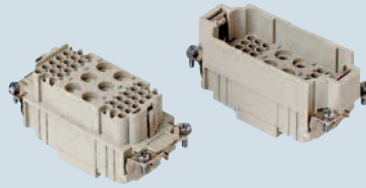
enclosures:
 size "77.27" page:

C-TYPE IP65/IP66 250 - 256
C7 IP67, two levers 276
V-TYPE IP65/IP66, single lever 282/292 - 295
BIG hoods 312 - 315
T-TYPE IP65 insulating 330 - 331
T-TYPE / W IP66 insulating 340 - 341
HYGIENIC T-TYPE / H IP66/IP69 354 - 355
HYGIENIC T-TYPE / C IP66/IP69, -50 °C 362 - 363
W-TYPE for aggressive environments 375
EMC 394
central lever 408 - 409
IP68 428 - 431
LS-TYPE 454 - 455

panel supports: page:
COB 462 - 463

- PCBs interface, see article CIF 2.4 (10A contacts)

**inserts,
 crimp connections**



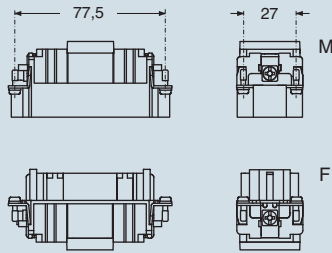
**40A and 10A crimp contacts
 silver and gold plated**



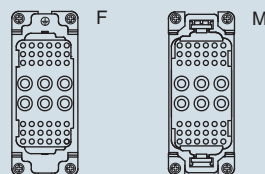
description	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts male inserts for male contacts	CXF 6/36 CXM 6/36		
40A female contacts 1,5 mm ² AWG 16 2,5 mm ² AWG 14 4 mm ² AWG 12 6 mm ² AWG 10		CXFA 1.5 CXFA 2.5 CXFA 4.0 CXFA 6.0	silver plated
40A male contacts 1,5 mm ² AWG 16 2,5 mm ² AWG 14 4 mm ² AWG 12 6 mm ² AWG 10		CXMA 1.5 CXMA 2.5 CXMA 4.0 CXMA 6.0	silver plated
10A female contacts 0,14-0,37 mm ² AWG 26-22 identification No. 1 0,5 mm ² AWG 20 identification No. 2 0,75 mm ² AWG 18 identification No. ② 1 mm ² AWG 18 identification No. 3 1,5 mm ² AWG 16 identification No. 4 2,5 mm ² AWG 14 identification No. 5		CDFA 0.3 CDFA 0.5 CDFA 0.7 CDFA 1.0 CDFA 1.5 CDFA 2.5	silver plated
10A male contacts 0,14-0,37 mm ² AWG 26-22 identification No. 1 0,5 mm ² AWG 20 identification No. 2 0,75 mm ² AWG 18 identification No. ② 1 mm ² AWG 18 identification No. 3 1,5 mm ² AWG 16 identification No. 4 2,5 mm ² AWG 14 identification No. 5		CDMA 0.3 CDMA 0.5 CDMA 0.7 CDMA 1.0 CDMA 1.5 CDMA 2.5	gold plated 1)
CDFD 0.3 CDFD 0.5 CDFD 0.7 CDFD 1.0 CDFD 1.5 CDFD 2.5			gold plated 1)
CDMD 0.3 CDMD 0.5 CDMD 0.7 CDMD 1.0 CDMD 1.5 CDMD 2.5			gold plated 1)

- characteristics according to EN 61984:
40A 690V 8kV 3
10A 160V 2,5kV 3
10A 250V 4kV 2
- UL, CSA, CCC *, GL, EAC certified
 * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 0,3 mΩ (6 poles)
 ≤ 1 mΩ (36 poles)
- for maximum current load, see the following load curves inserts, for more information see page 563

dimensions in mm



contacts side (front view)

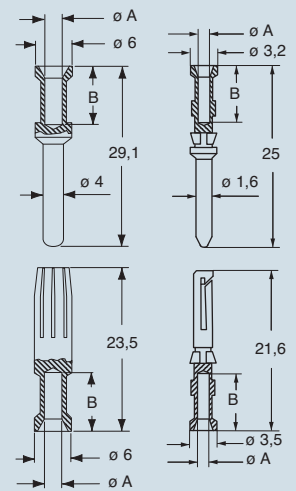


CXF and CXM contacts

conductor section mm ²	conductor slot ø A (mm)	conductors stripping length B (mm)
1,5	1,75	9
2,5	2,25	9
4	2,85	9,6
6	3,5	9,6

dimensions in mm

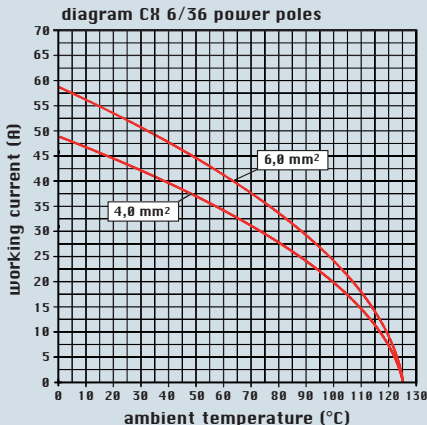
CXF and CXM CDF and CDM



for contact crimping instructions, please see the crimping tool section (40A contacts CXF, CXM series and 10A contacts CDF, CDM series) on pages 534, 536, 538, 544, 546, 548

CDF and CDM contacts

conductor section (mm ²)	conductor slot ø A (mm)	conductors stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6



dimensions shown are not binding and may be changed without notice

1) basic or high thickness gold plating page 480

CX 12 poles (40A - 690V) + 2 poles (10A - 250V) + ⊕

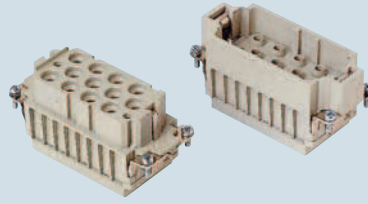


enclosures:
size "77.27" page:

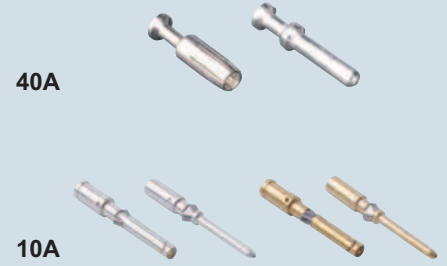
C-TYPE IP65/IP66	250 - 256
C7 IP67, two levers	276
V-TYPE IP65/IP66, single lever	282/292 - 295
BIG hoods	312 - 315
T-TYPE IP65 insulating	330 - 331
T-TYPE / W IP66 insulating	340 - 341
HYGIENIC T-TYPE / H IP66/IP69	354 - 355
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	362 - 363
W-TYPE for aggressive environments	375
EMC	394
central lever	408 - 409
IP68	428 - 431
LS-TYPE	454 - 455

panel supports: page:
COB

inserts,
crimp connections

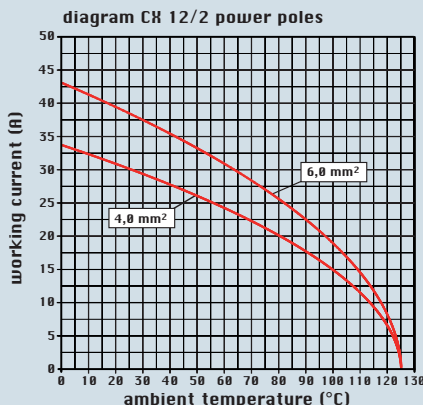


40A and 10A crimp contacts
silver and gold plated

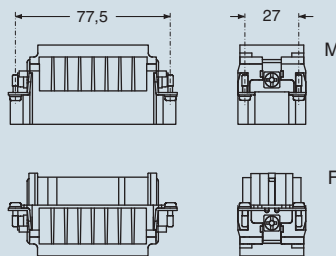


description	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts male inserts for male contacts	CXF 12/2 CXM 12/2		
40A female contacts 1,5 mm ² AWG 16 2,5 mm ² AWG 14 4 mm ² AWG 12 6 mm ² AWG 10		CXFA 1.5 CXFA 2.5 CXFA 4.0 CXFA 6.0	silver plated
40A male contacts 1,5 mm ² AWG 16 2,5 mm ² AWG 14 4 mm ² AWG 12 6 mm ² AWG 10		CXMA 1.5 CXMA 2.5 CXMA 4.0 CXMA 6.0	silver plated
10A female contacts 0,14-0,37 mm ² AWG 26-22 identification No. 1 0,5 mm ² AWG 20 identification No. 2 0,75 mm ² AWG 18 identification No. ② 1 mm ² AWG 18 identification No. 3 1,5 mm ² AWG 16 identification No. 4 2,5 mm ² AWG 14 identification No. 5		CDFA 0.3 CDFA 0.5 CDFA 0.7 CDFA 1.0 CDFA 1.5 CDFA 2.5	silver plated
10A male contacts 0,14-0,37 mm ² AWG 26-22 identification No. 1 0,5 mm ² AWG 20 identification No. 2 0,75 mm ² AWG 18 identification No. ② 1 mm ² AWG 18 identification No. 3 1,5 mm ² AWG 16 identification No. 4 2,5 mm ² AWG 14 identification No. 5		CDMA 0.3 CDMA 0.5 CDMA 0.7 CDMA 1.0 CDMA 1.5 CDMA 2.5	gold plated 1)
		CDFD 0.3 CDFD 0.5 CDFD 0.7 CDFD 1.0 CDFD 1.5 CDFD 2.5	gold plated 1)
		CDMD 0.3 CDMD 0.5 CDMD 0.7 CDMD 1.0 CDMD 1.5 CDMD 2.5	gold plated 1)

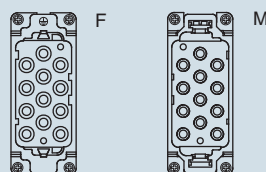
- characteristics according to EN 61984:
40A 690V 8kV 3
10A 160V 2,5kV 3
10A 250V 4kV 2
- UL, CSA, CCC *, GL, EAC certified
* CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 0,3 mΩ (6 poles)
≤ 1 mΩ (36 poles)
- for maximum current load, see the following load curves inserts, for more information see page 563



dimensions in mm



contacts side (front view)

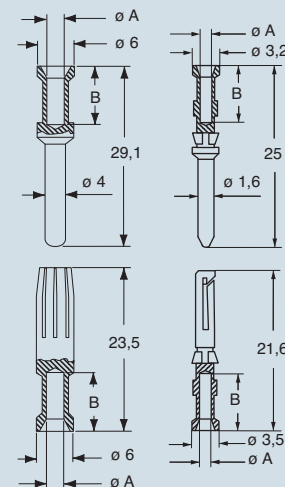


CXF and CXM contacts

conductor section mm ²	conductor slot ø A (mm)	conductors stripping length B (mm)
1,5	1,75	9
2,5	2,25	9
4	2,85	9,6
6	3,5	9,6

dimensions in mm

CXF and CXM **CDF and CDM**



for contact crimping instructions, please see the crimping tool section (40A contacts CXF, CXM series and 10A contacts CDF, CDM series) on pages 534, 536, 538, 544, 546, 548

CDF and CDM contacts

conductor section (mm ²)	conductor slot ø A (mm)	conductors stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

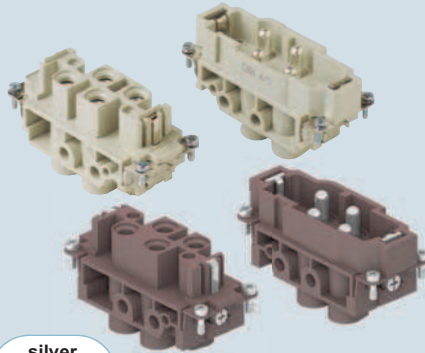
dimensions shown are not binding and may be changed without notice

1) basic or high thickness gold plating page 480

enclosures:		page:
size "77.27"		
C-TYPE IP65/IP66	250 - 256	
C7 IP67, two levers	276	
V-TYPE IP65/IP66, single lever	282/292 - 295	
BIG hoods	312 - 315	
T-TYPE IP65 insulating	330 - 331	
T-TYPE / W IP66 insulating	340 - 341	
HYGIENIC T-TYPE / H IP66/IP69	354 - 355	
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	362 - 363	
W-TYPE for aggressive environments	375	
EMC for 180 °C	394	
central lever	408 - 409	
IP68	428 - 431	
LS-TYPE	454 - 455	
panel supports:		page:
COB	462 - 463	

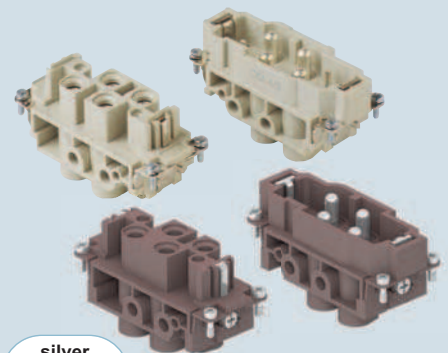
CX - CX...RY

**inserts,
screw terminal connection**



silver plated contacts

**inserts,
screw terminal connection**



silver plated contacts

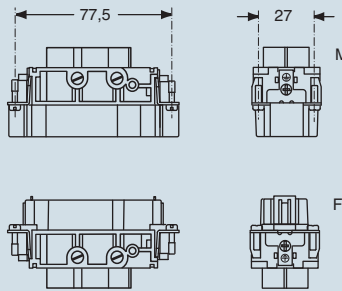
description	part No.	part No.
-------------	----------	----------

female inserts with female contacts male inserts with male contacts	CXF 4/0 CXM 4/0	CXF 4/2 CXM 4/2
--	----------------------------------	----------------------------------

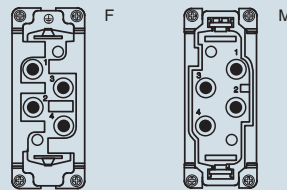
indirect, with plate, use in temperatures up to 180 °C female inserts with female contacts, brown male inserts with male contacts, brown	CXF 4/0 RY CXM 4/0 RY	CXF 4/2 RY CXM 4/2 RY
--	--	--

- characteristics according to EN 61984:
80A 690V 8kV 3
16A 400V 6kV 3
16A 400/690V 6kV 2
- UL, CSA, CCC *, GL, EAC certified
* CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 0,3 \text{ m}\Omega$ (4 poles)
 $\leq 1 \text{ m}\Omega$ (2 poles)
- for maximum current load, see the following load curves inserts, for more information see page 563 and 564

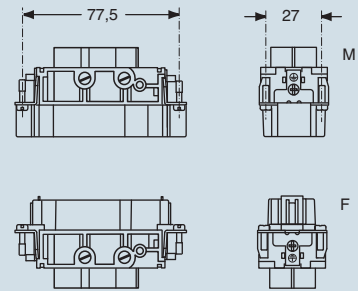
dimensions in mm



contacts side (front view)



dimensions in mm



contacts side (front view)

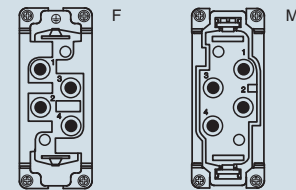


diagram CX 4/0 poles

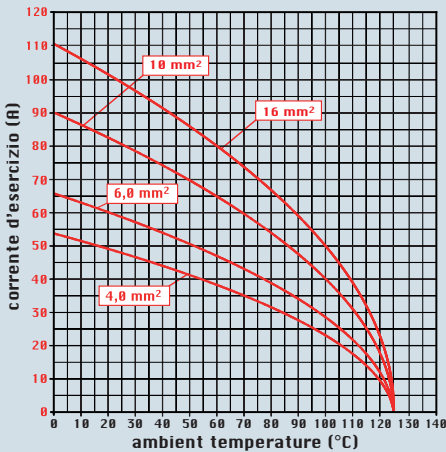
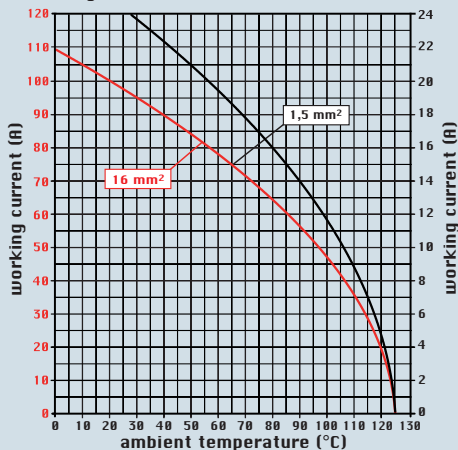


diagram CX 4/2 poles



80A contacts

- without plate for section conductors:
4 - 16 mm² - AWG 12 - 6
- conductors stripping length: 14 mm
- terminal screw torque: 2,5 Nm (22.1 lb.in), for more information see page 34 and 35

80A contacts

- without plate for section conductors:
4 - 16 mm² - AWG 12 - 6
- conductors stripping length: 14 mm
- terminal screw torque: 2,5 Nm (22.1 lb.in), for more information see page 34 and 35

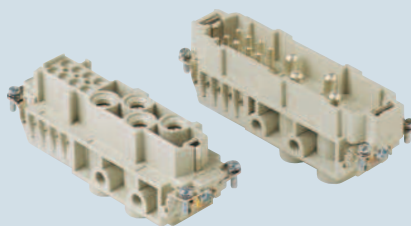
16A contacts

- without plate for section conductors:
0,25 - 2,5 mm² - AWG 24 - 14
- conductors stripping length: 7 mm
- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 34 and 35

dimensions shown are not binding and may be changed without notice

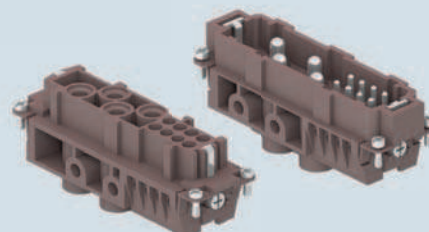
enclosures:	
size "104.27"	page:
C-TYPE IP65/IP66	258 - 266
C7 IP67, two levers	277
V-TYPE IP65/IP66, single lever	283/296 - 299
BIG hoods	316 - 319
T-TYPE IP65 insulating	332 - 333
T-TYPE / W IP66 insulating	342 - 343
HYGIENIC T-TYPE / H IP66/IP69	356 - 357
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	364 - 365
W-TYPE for aggressive environments	376
EMC	395
for 180 °C	401
central lever	410 - 412
IP68	432 - 435
LS-TYPE	456 - 457
panel supports:	page:
COB	462 - 463

**inserts,
screw terminal connection**



silver plated contacts

**inserts,
screw terminal connection**



silver plated contacts

description	part No.
-------------	----------

female inserts with female contacts
male inserts with male contacts

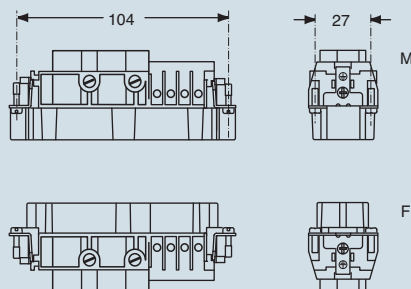
CXF 4/8
CXM 4/8

indirect, with plate, use in temperatures up to 180 °C
female inserts with female contacts, brown
male inserts with male contacts, brown

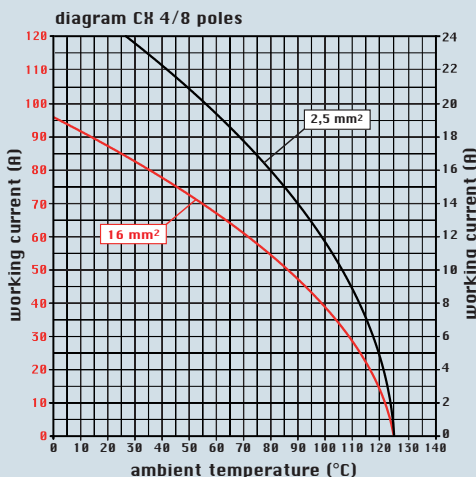
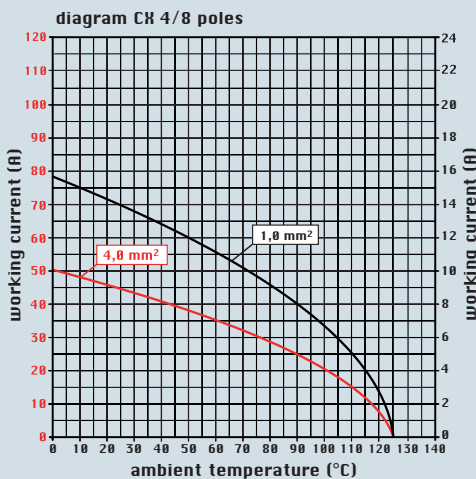
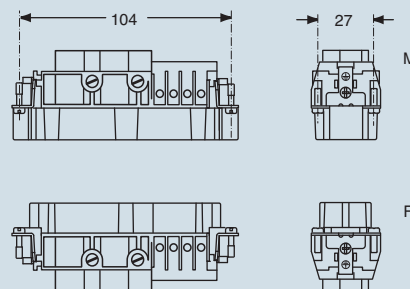
CXF 4/8 RY
CXM 4/8 RY

- characteristics according to EN 61984:
80A 400V 6kV 3
80A 400/690V 6kV 2
16A 230/400V 4kV 3
16A 400V 4kV 2
- UL, CSA, CCC *, GL, EAC certified
* CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 0,3 \text{ m}\Omega$ (4 poles)
 $\leq 1 \text{ m}\Omega$ (8 poles)
- for maximum current load, see the following load curves inserts, for more information see page 564

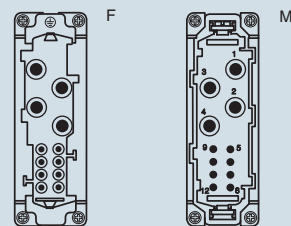
dimensions in mm



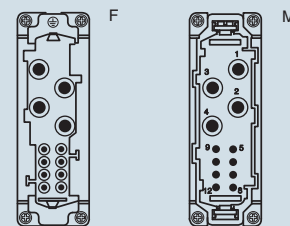
dimensions in mm



contacts side (front view)



contacts side (front view)



80A contacts

- without plate for section conductors:
4 - 16 mm² - AWG 12 - 6
- conductors stripping length: 14 mm
- terminal screw torque: 2,5 Nm (22.1 lb.in), for more information see page 34 and 35

80A contacts

- without plate for section conductors:
4 - 16 mm² - AWG 12 - 6
- conductors stripping length: 14 mm
- terminal screw torque: 2,5 Nm (22.1 lb.in), for more information see page 34 and 35

16A contacts

- without plate for section conductors:
0,25 - 2,5 mm² - AWG 24 - 14
- conductors stripping length: 7 mm
- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 34 and 35

16A contacts

- without plate for section conductors:
0,25 - 2,5 mm² - AWG 24 - 14
- conductors stripping length: 7 mm
- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 34 and 35

dimensions shown are not binding and may be changed without notice

CX series

Main features

CX inserts 100A/16A version

The CX series of combined “power /auxiliaries” connector inserts has been enhanced with a **new insert, CX 6/6 suitable for currents up to 100A** in the power side and 16A on the auxiliaries side, for crimp contacts series CG (100A max) and series CC (16A max) several benefits over conventional screw or axial screw contacts:

- More **resistant to mechanical stresses** such as vibrations, shock and cable loads
- More **corrosion resistant** (gas tight)
- **Quicker to connect** and ensuring more **consistent results** (regardless of the operators “force”)
- The connector is **electrically more efficient** (reduced voltage drop)

This innovative insert design, by following the same concepts of the MIXO 100A CX..G model, **patented by ILME**, ensures a quicker fitting and removal of crimped contacts.

The **provided locking keys** firmly fasten the contact holder.

The power contacts may be removed **without any special tool**, using a simple screwdriver (e.g.: 0,5 x 3 mm, 0,5 x 3,5 mm, 0,6 x 4 mm flat blade) The removal of auxiliary contacts series CC requires the extraction tool CQES.

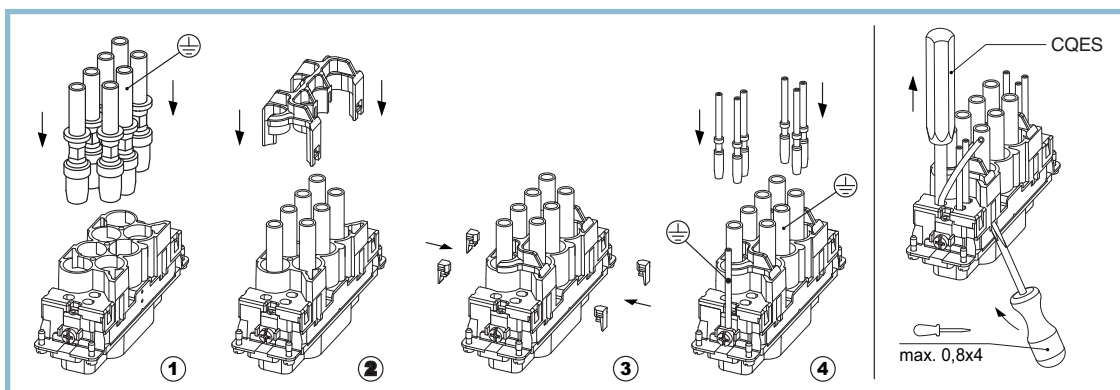
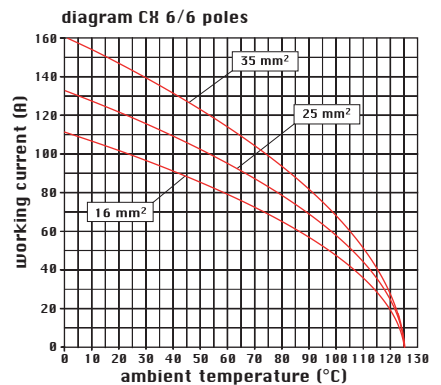
The crimping operation may be carried out quickly and efficiently with the **hand operated hydraulic pliers**, which is pre-fitted with the suitable locator. Suitable crimp dies are available on request.

Inserts series		CX	
No. of poles	main contact	6 + ⊕ (100A) **	
	auxiliary contacts	6 (16A)	
rated current ¹⁾		100A	16A
EN 61984 pollution degree 3	rated voltage	690V	400V
	rated impulse withstand voltage	8kV	6kV
	pollution degree	3	3
contact resistance		≤ 0,3 mΩ (100A) ≤ 1 mΩ (16A)	
insulation resistance		≥ 10 GΩ	
ambient temperature limit (°C)	min	-40 °C	
	max	+125 °C	
degree of protection	with enclosures (according to version)	IP65, IP66, IP67, IP68, IP69K	
	without enclosures	IP20	
conductor connections *		crimp	
conductor cross-section (CG contact series)	mm ²	16, 25, 35	
	AWG	6 - 5, 4 - 3, 2	
conductor cross-section (CC contact series)	mm ²	0,14 4,0	
	AWG	26 ÷ 12	
CG/CC stripping length	mm	15 / 7,5	
mechanical endurance (rating cycles)		≥ 500	

1) Please check the insert load curves to establish the actual maximum operating current according to the ambient temperature.

* max external conductor Ø = 11,5 mm
 ** the power PE contact is not included and must be the same size as the power contacts used (for a total n° at contacts = 7)

- for maximum current load, see the following load curves inserts, for more information see page 565



enclosures:
size "104.27" page:

C-TYPE IP65/IP66 258 - 266
C7 IP67, two levers 277
V-TYPE IP65/IP66, single lever 283/296 - 299
BIG hoods 316 - 319
T-TYPE IP65 insulating 332 - 333
T-TYPE / W IP66 insulating 342 - 343
HYGIENIC T-TYPE / H IP66/IP69 356 - 357
HYGIENIC T-TYPE / C IP66/IP69, -50 °C 364 - 365
W-TYPE for aggressive environments 376
EMC 395
central lever 410 - 412
IP68 432 - 435
LS-TYPE 456 - 457

panel supports: **COB** 462 - 463

**inserts,
crimp connections**



NEW

**100A and 16A crimp contacts
silver and gold plated**



enclosures: bulkhead mounting housings, high construction housings or high construction hoods

description	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts male inserts for male contacts	CXF 6/6 CXM 6/6		
100A female contacts 8 - 10 mm ² AWG 8 - 7 16 mm ² AWG 6 - 5 25 mm ² AWG 4 - 3 35 mm ² AWG 2		CGFA 10 CGFA 16 CGFA 25 CGFA 35	silver plated
100A male contacts 8 - 10 mm ² AWG 8 - 7 16 mm ² AWG 6 - 5 25 mm ² AWG 4 - 3 35 mm ² AWG 2		CGMA 10 CGMA 16 CGMA 25 CGMA 35	silver plated
16A female contacts 0,14-0,37 mm ² AWG 26-22 three grooves 0,5 mm ² AWG 20 with no grooves 0,75 mm ² AWG 18 one groove (back side) 1 mm ² AWG 18 one groove 1,5 mm ² AWG 16 two grooves 2,5 mm ² AWG 14 three grooves 3 mm ² AWG 12 one wide groove 4 mm ² AWG 12 with no grooves		CCFA 0.3 CCFA 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0	silver plated
16A male contacts 0,14-0,37 mm ² AWG 26-22 three grooves 0,5 mm ² AWG 20 with no grooves 0,75 mm ² AWG 18 one groove (back side) 1 mm ² AWG 18 one groove 1,5 mm ² AWG 16 two grooves 2,5 mm ² AWG 14 three grooves 3 mm ² AWG 12 one wide groove 4 mm ² AWG 12 with no grooves		CCMD 0.3 CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0	gold plated 1)

- characteristics according to EN 61984:
100A 690V 8kV 3
16A 400V 6kV 3
- certifications: cUL (UL for USA and Canada)
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 0,3 mΩ (100A)
≤ 1 mΩ (16A)
- for contact crimping, see the crimp tool section (100A contacts CG series, and 16A contacts CC series) on pages 534, 538, 542, 544, 546, 548

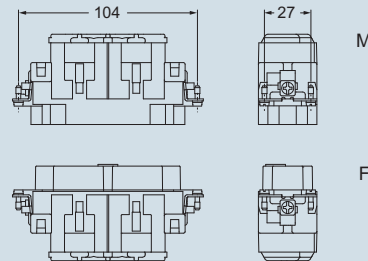
CCF and CCM contacts

conductor section mm ²	conductor slot ø A (mm)	conductors stripping length B (mm)
0.14-0.37	0.9	7.5
0.5	1.1	7.5
0.75	1.3	7.5
1.0	1.45	7.5
1.5	1.8	7.5
2.5	2.2	7.5
3.0	2.55	7.5
4.0	2.85	7.5

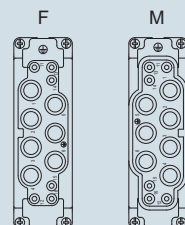
1) basic or high thickness gold plating page 481

dimensions shown are not binding and may be changed without notice

dimensions in mm

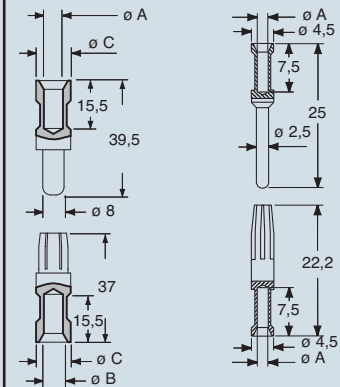


contacts side (front view)



dimensions in mm

CGF and CGM CCF and CCM



CGF and CGM contacts

conductor section (mm ²)	conductor slot ø A (mm)	conductor slot ø B (mm)	conductor slot ø C (mm)	conductors stripping length (mm)
8-10	4,3	4,3	13	15
16	5,5	5,5	13	15
25	7,0	7,0	13	15
35	7,9	8,2	12,5	15