

enclosures:  
size "57.27"

page:

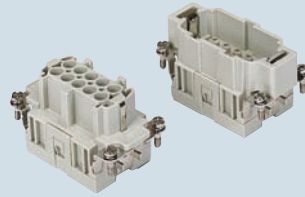
C-TYPE IP65/IP66 ..... 244 - 249  
 C7 IP67, two levers ..... 275  
 V-TYPE IP65/IP66, single lever 281/288 - 291  
 BIG hoods ..... 308 - 311  
 T-TYPE IP65 insulating ..... 328 - 329  
 T-TYPE / W IP66 insulating ..... 338 - 339  
 HYGIENIC T-TYPE / H IP66/IP69 ..... 352 - 353  
 HYGIENIC T-TYPE / 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 ..... 462 - 463

inserts,  
crimp connections



16A 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

CMCEF 03  
 CMCEM 03

16A female contacts

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

16A male contacts

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

16A male crimp contacts for advanced opening

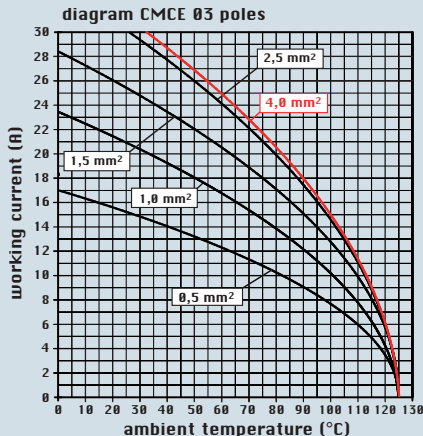
0,5 mm <sup>2</sup>	AWG 20	with no grooves
0,75 mm <sup>2</sup>	AWG 18	one groove (back side)
1 mm <sup>2</sup>	AWG 18	one groove
1,5 mm <sup>2</sup>	AWG 16	two grooves
2,5 mm <sup>2</sup>	AWG 14	three grooves

CCFA 0.3	silver plated	CCFD 0.3	gold plated 1)
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		

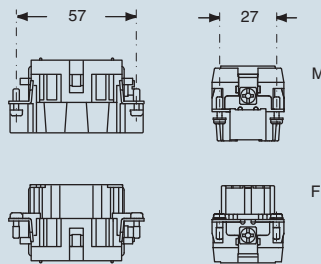
CCMA 0.3	silver plated	CCMD 0.3	gold plated 1)
CCMA 0.5		CCMD 0.5	
CCMA 0.7		CCMD 0.7	
CCMA 1.0		CCMD 1.0	
CCMA 1.5		CCMD 1.5	
CCMA 2.5		CCMD 2.5	
CCMA 3.0		CCMD 3.0	
CCMA 4.0	CCMD 4.0		

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

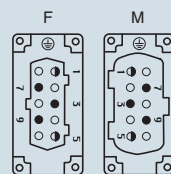
- characteristics according to EN 61984:  
**16A 830V 8kV 3**  
**16A 1000V 8kV 2**  
**16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- 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
- for maximum current load, see the following load curves inserts, for more information see page 562



dimensions in mm

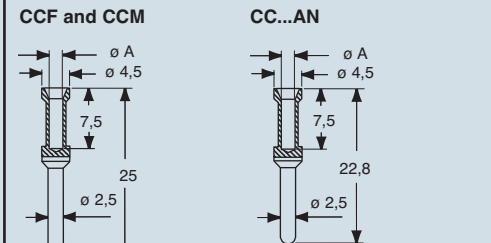


contacts side (front view)



the auxiliary contacts are in the forward position upon opening

dimensions in mm



CCF, CCM and CC..AN contacts

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(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	2,55	7,5
4	2,85	7,5

1) basic or high thickness gold plating page 481

- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC..AN series) on pages 534, 538, 544, 546, 548

dimensions shown are not binding and may be changed without notice

enclosures:

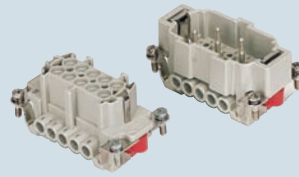
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page:

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
insulated 830V	437 - 440
LS-TYPE *	452 - 453
panel supports: COB	462 - 463

\* cannot be used with CME series

**inserts,  
screw terminal connection**



silver plated contacts

**inserts,  
spring terminal connection**



silver plated contacts

**NEW**

description

part No.

part No.

indirect, with plate 1)  
female inserts with female contacts  
male inserts with male contacts

**CMEF 03 T  
CMEM 03 T**

direct, without plate 2)  
female inserts with female contacts  
male inserts with male contacts

**CMEF 03 TX  
CMEM 03 TX**

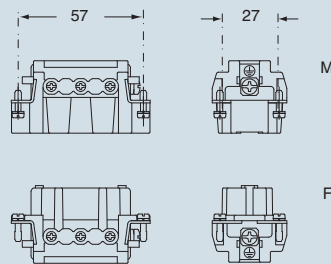
spring terminals with actuator button  
female inserts with female contacts  
male inserts with male contacts

**CMSHF 03  
CMSHM 03**

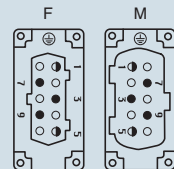
- characteristics according to EN 61984:

- 16A 830V 8kV 3**
- 16A 1000V 8kV 2**
- 16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- insulation resistance:  $\geq 10 \text{ G}\Omega$
- ambient temperature limit:  $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life:  $\geq 500$  cycles
- contact resistance:  $\leq 1 \text{ m}\Omega$  (CME) -  $\leq 3 \text{ m}\Omega$  (CMSH)
- for maximum current load, see the following load curves inserts, for more information see page 562

dimensions in mm



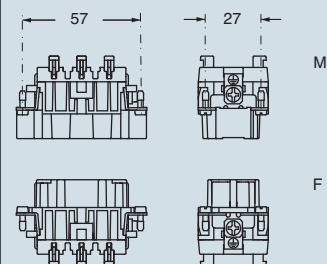
contacts side (front view)



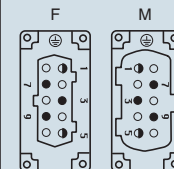
the auxiliary contacts are in the forward position upon opening

- inserts with plate, for section conductors: 0,5 - 4 mm<sup>2</sup> - AWG 20 - 12
- inserts without plate, for section conductors: 0,25 - 2,5 mm<sup>2</sup> - 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
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V

dimensions in mm

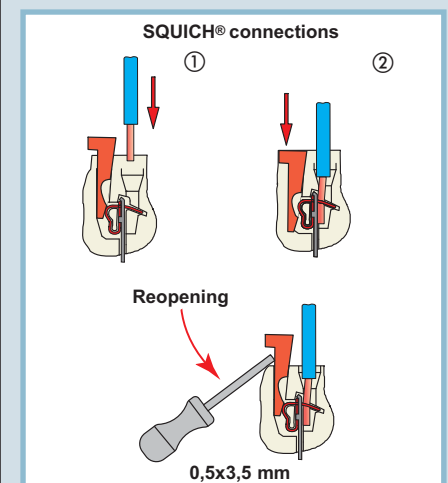
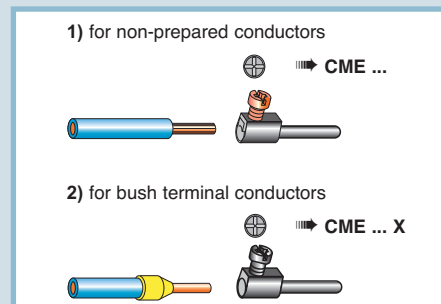
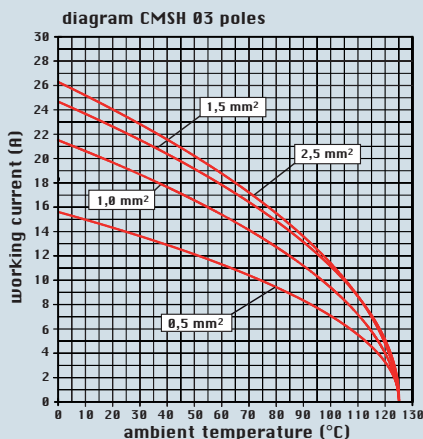
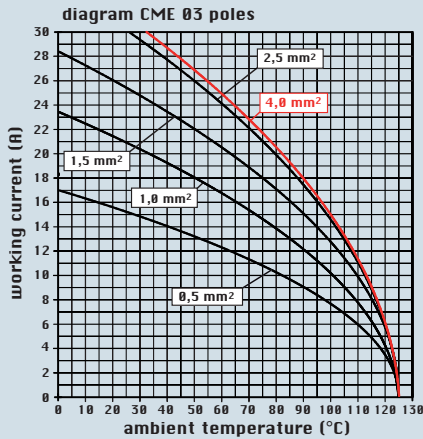


contacts side (front view)



the auxiliary contacts are in the forward position upon opening

- inserts for section conductors: 0,14 - 2,5 mm<sup>2</sup> - AWG 26 - 14
- conductors stripping length: 9...11 mm



dimensions shown are not binding and may be changed without notice

CME - CMSH

enclosures:  
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page:

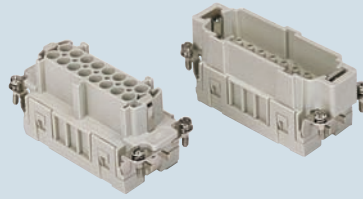
C-TYPE IP65/IP66 ..... 250 - 256  
 C7 IP67, two levers ..... 276  
 V-TYPE IP65/IP66, single lever 282/292 - 295  
 BIG hoods ..... 312 - 315  
 T-TYPE IP65 insulating ..... 330 - 331  
 T-TYPE / W IP66 insulating ..... 340 - 341  
 HYGIENIC T-TYPE / H IP66/IP69 ..... 354 - 355  
 HYGIENIC T-TYPE / 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

inserts,  
crimp connections



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



description

part No.

part No.

part No.

female inserts with female contacts  
female inserts for female contacts  
male inserts for male contacts

CMCEF 06  
CMCEM 06

16A female contacts

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

16A male contacts

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

16A male crimp contacts for advanced opening

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

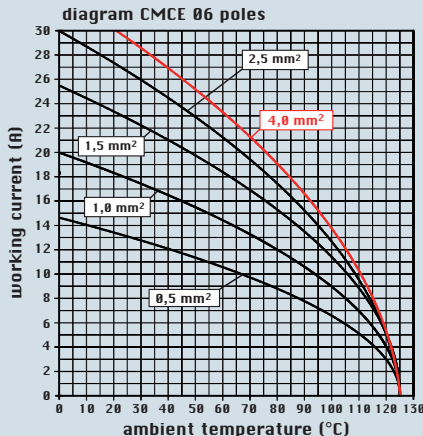
CCMA 0.3	CCMD 0.3
CCMA 0.5	CCMD 0.5
CCMA 0.7	CCMD 0.7
CCMA 1.0	CCMD 1.0
CCMA 1.5	CCMD 1.5
CCMA 2.5	CCMD 2.5
CCMA 3.0	CCMD 3.0
CCMA 4.0	CCMD 4.0

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

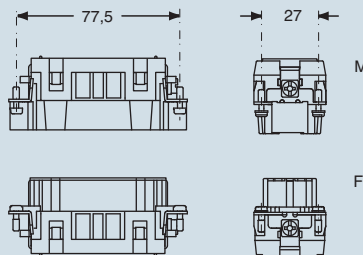
silver plated

gold plated 1)

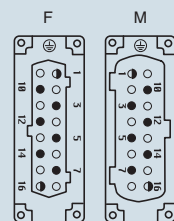
- characteristics according to EN 61984:
- 16A 830V 8kV 3
- 16A 1000V 8kV 2
- 16A 720/1250V 8kV 2
- auxiliary contacts: 16A 500V 6kV 3
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ
- for maximum current load, see the following load curves inserts, for more information see page 562



dimensions in mm

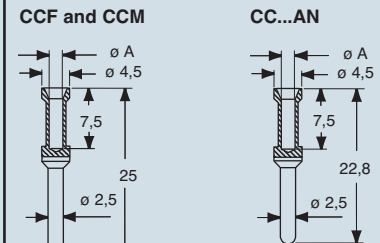


contacts side (front view)



the auxiliary contacts are in the forward position upon opening

dimensions in mm



CCF, CCM and CC..AN contacts

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(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	2,55	7,5
4	2,85	7,5

1) basic or high thickness gold plating page 481

- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC..AN series) on pages 534, 538, 544, 546, 548

dimensions shown are not binding and may be changed without notice

enclosures:

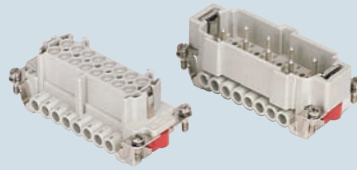
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page:

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
insulated 830V	441 - 444
LS-TYPE *	454 - 455
panel supports: COB	462 - 463

\* cannot be used with CME series

**inserts,  
screw terminal connection**



silver plated contacts

**inserts,  
spring terminal connection**



silver plated contacts

**NEW**

description

part No.

part No.

indirect, with plate 1)  
female inserts with female contacts  
male inserts with male contacts

**CMEF 06 T  
CMEM 06 T**

direct, without plate 2)  
female inserts with female contacts  
male inserts with male contacts

**CMEF 06 TX  
CMEM 06 TX**

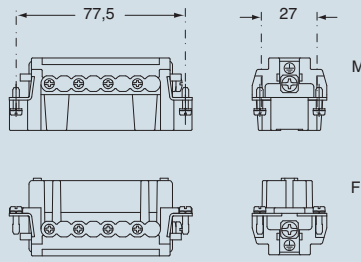
spring terminals with actuator button  
female inserts with female contacts  
male inserts with male contacts

**CMSHF 06  
CMSHM 06**

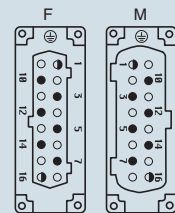
- characteristics according to EN 61984:

- 16A 830V 8kV 3**
- 16A 1000V 8kV 2**
- 16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- insulation resistance:  $\geq 10 \text{ G}\Omega$
- ambient temperature limit:  $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life:  $\geq 500$  cycles
- contact resistance:  $\leq 1 \text{ m}\Omega$  (CME) -  $\leq 3 \text{ m}\Omega$  (CMSH)
- for maximum current load, see the following load curves inserts, for more information see page 562

dimensions in mm



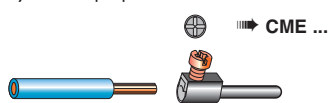
contacts side (front view)



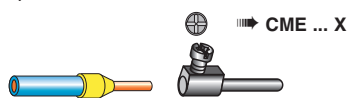
● the auxiliary contacts are in the forward position upon opening

- inserts with plate, for section conductors: 0,5 - 4 mm<sup>2</sup> - AWG 20 - 12
- inserts without plate, for section conductors: 0,25 - 2,5 mm<sup>2</sup> - AWG 24 - 14
- conductors stripping length: 7 mm
- terminal screw torque: 0.5 Nm (4.4 lb.in), for more information see page 21 and 22
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V

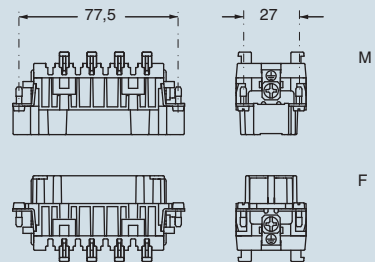
1) for non-prepared conductors



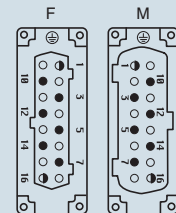
2) for bush terminal conductors



dimensions in mm

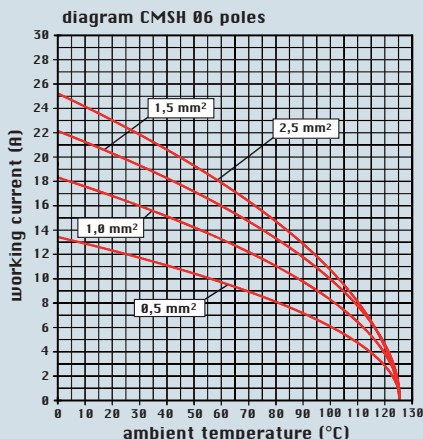
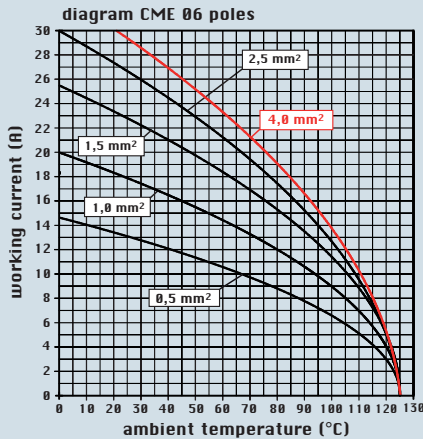


contacts side (front view)

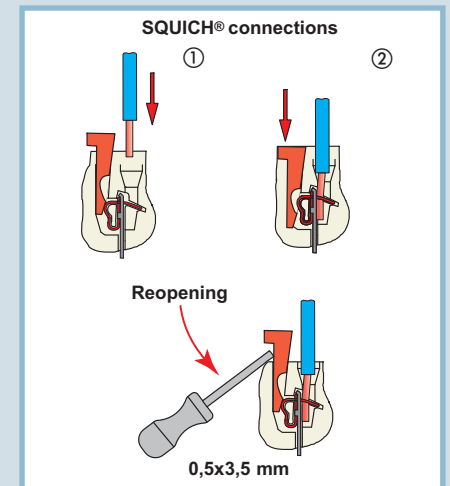


● the auxiliary contacts are in the forward position upon opening

- inserts for section conductors: 0,14 - 2,5 mm<sup>2</sup> - AWG 26 - 14
- conductors stripping length: 9...11 mm



dimensions shown are not binding and may be changed without notice

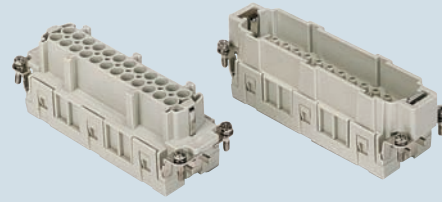


enclosures:  
size "104.27" page:

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  
 central lever ..... 410 - 412  
 IP68 ..... 432 - 435  
 LS-TYPE ..... 456 - 457

panel supports: page:  
COB ..... 462 - 463

inserts,  
crimp connections



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



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

part No.  
**CMCEF 10**  
**CMCEM 10**

part No. part No.

16A female contacts

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

16A male contacts

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

16A male crimp contacts for advanced opening

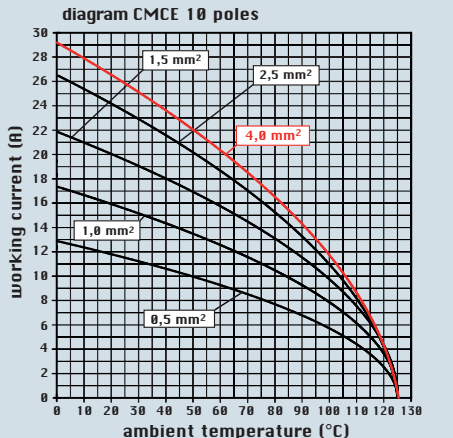
0,5 mm <sup>2</sup>	AWG 20	with no grooves
0,75 mm <sup>2</sup>	AWG 18	one groove (back side)
1 mm <sup>2</sup>	AWG 18	one groove
1,5 mm <sup>2</sup>	AWG 16	two grooves
2,5 mm <sup>2</sup>	AWG 14	three grooves

CCFA 0.3	silver plated	CCFD 0.3	gold plated 1)
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	

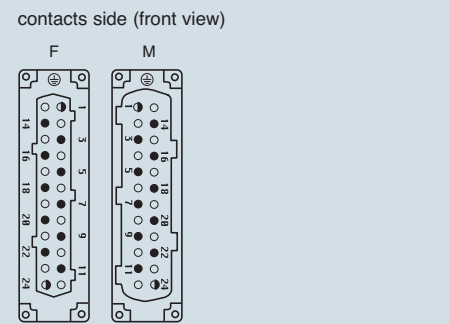
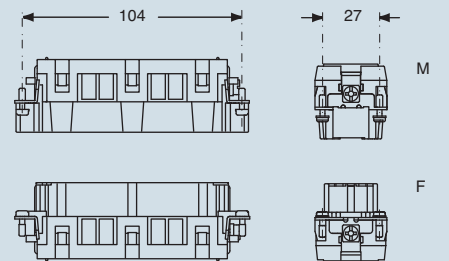
CCMA 0.3	CCMD 0.3
CCMA 0.5	CCMD 0.5
CCMA 0.7	CCMD 0.7
CCMA 1.0	CCMD 1.0
CCMA 1.5	CCMD 1.5
CCMA 2.5	CCMD 2.5
CCMA 3.0	CCMD 3.0
CCMA 4.0	CCMD 4.0

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

- characteristics according to EN 61984:  
**16A 830V 8kV 3**  
**16A 1000V 8kV 2**  
**16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, 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
- for maximum current load, see the following load curves inserts, for more information see page 562

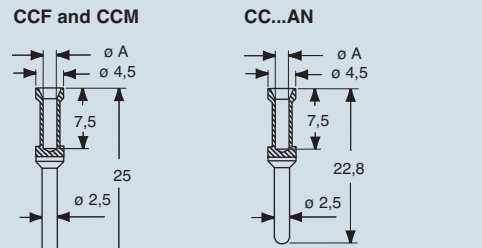


dimensions in mm



the auxiliary contacts are in the forward position upon opening

dimensions in mm



CCF, CCM and CC..AN contacts

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(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	2,55	7,5
4	2,85	7,5

1) basic or high thickness gold plating page 481

- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC..AN series) on pages 534, 538, 544, 546, 548

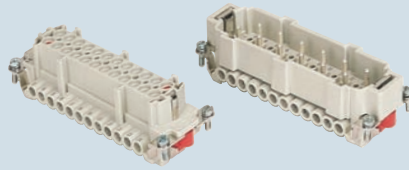
dimensions shown are not binding and may be changed without notice

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
central lever *	410 - 412
IP68	432 - 435
insulated 830V	445 - 448
LS-TYPE *	456 - 457
panel supports: COB	462 - 463

\* cannot be used with CME series

**inserts,  
screw terminal connection**



silver plated contacts

part No.

**CMEF 10 T  
CMEM 10 T**

**CMEF 10 TX  
CMEM 10 TX**

**inserts,  
spring terminal connection**



silver plated contacts

part No.

**CMSHF 10  
CMSHM 10**

**NEW**

description

indirect, with plate 1)  
female inserts with female contacts  
male inserts with male contacts

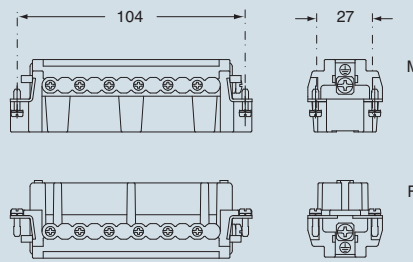
direct, without plate 2)  
female inserts with female contacts  
male inserts with male contacts

spring terminals with actuator button  
female inserts with female contacts  
male inserts with male contacts

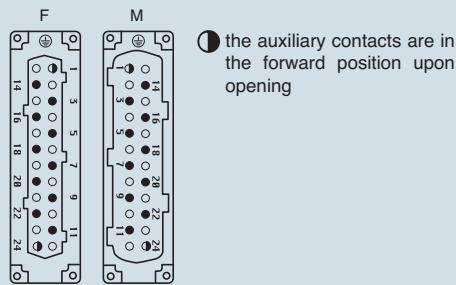
- characteristics according to EN 61984:

- 16A 830V 8kV 3
- 16A 1000V 8kV 2
- 16A 720/1250V 8kV 2
- auxiliary contacts: 16A 500V 6kV 3
- 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 (CME) - ≤ 3 mΩ (CMSH)
- for maximum current load, see the following load curves inserts, for more information see page 562

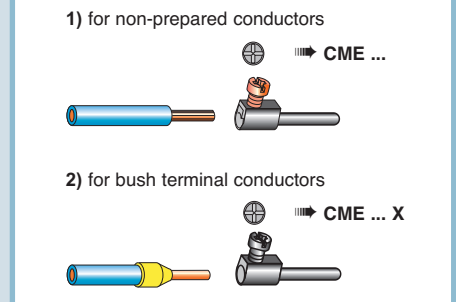
dimensions in mm



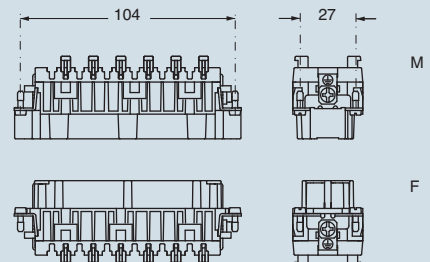
contacts side (front view)



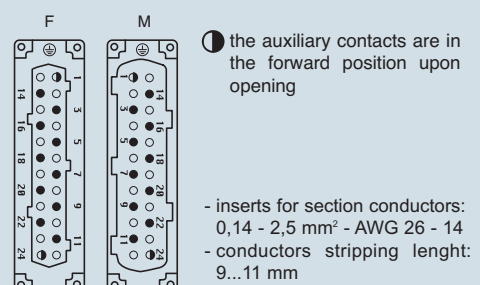
- inserts with plate, for section conductors: 0,5 - 4 mm<sup>2</sup> - AWG 20 - 12
- inserts without plate, for section conductors: 0,25 - 2,5 mm<sup>2</sup> - AWG 24 - 14
- conductors stripping length: 7 mm
- terminal screw torque: 0.5 Nm (4.4 lb.in), for more information see page 34 and 35
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V



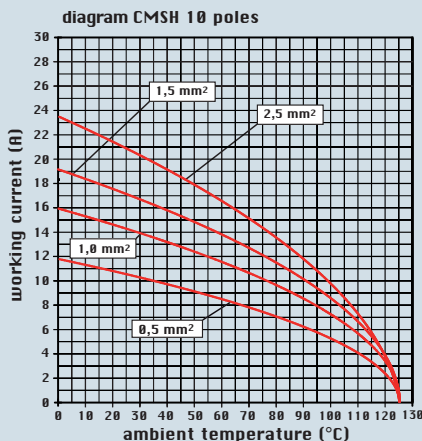
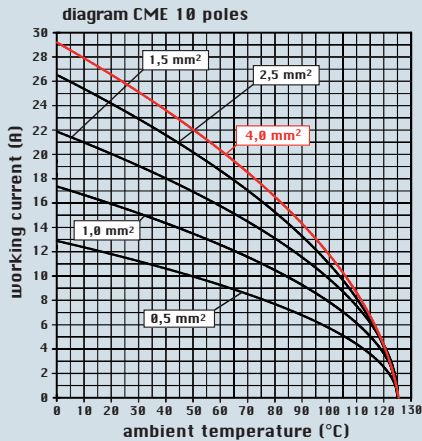
dimensions in mm



contacts side (front view)



- inserts for section conductors: 0,14 - 2,5 mm<sup>2</sup> - AWG 26 - 14
- conductors stripping length: 9...11 mm



dimensions shown are not binding and may be changed without notice

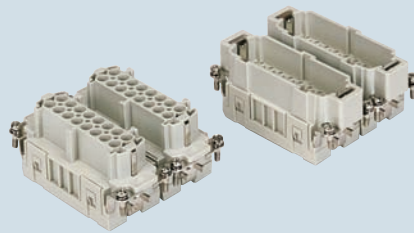
enclosures:  
size "77.62"

page:

C-TYPE IP65/IP66 ..... 267 - 270

W-TYPE for aggressive environments ..... 377

inserts,  
crimp connections



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



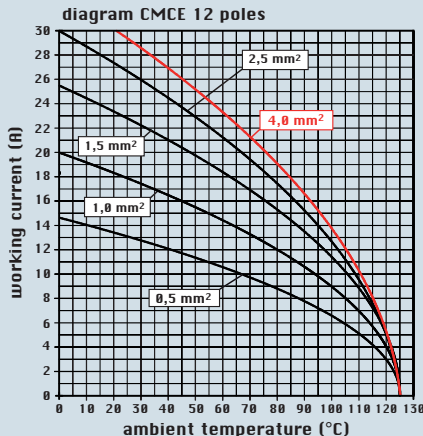
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 534, 538, 544, 546, 548

description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts, No. (1÷16) and (17÷32) male inserts, No. (1÷16) and (17÷32)	<b>CMCEF 06</b> <b>CMCEM 06</b>	<b>CMCEF 06 N</b> <b>CMCEM 06 N</b>		
16A female contacts 0,14-0,37 mm <sup>2</sup> AWG 26-22 three grooves 0,5 mm <sup>2</sup> AWG 20 with no grooves 0,75 mm <sup>2</sup> AWG 18 one groove (back side) 1 mm <sup>2</sup> AWG 18 one groove 1,5 mm <sup>2</sup> AWG 16 two grooves 2,5 mm <sup>2</sup> AWG 14 three grooves 3 mm <sup>2</sup> AWG 12 one wide groove 4 mm <sup>2</sup> AWG 12 with no grooves			<b>CCFA 0.3</b> <b>CCFA 0.5</b> <b>CCFA 0.7</b> <b>CCFA 1.0</b> <b>CCFA 1.5</b> <b>CCFA 2.5</b> <b>CCFA 3.0</b> <b>CCFA 4.0</b>	<b>CCFD 0.3</b> <b>CCFD 0.5</b> <b>CCFD 0.7</b> <b>CCFD 1.0</b> <b>CCFD 1.5</b> <b>CCFD 2.5</b> <b>CCFD 3.0</b> <b>CCFD 4.0</b>
16A male contacts 0,14-0,37 mm <sup>2</sup> AWG 26-22 three grooves 0,5 mm <sup>2</sup> AWG 20 with no grooves 0,75 mm <sup>2</sup> AWG 18 one groove (back side) 1 mm <sup>2</sup> AWG 18 one groove 1,5 mm <sup>2</sup> AWG 16 two grooves 2,5 mm <sup>2</sup> AWG 14 three grooves 3 mm <sup>2</sup> AWG 12 one wide groove 4 mm <sup>2</sup> AWG 12 with no grooves			<b>CCMA 0.3</b> <b>CCMA 0.5</b> <b>CCMA 0.7</b> <b>CCMA 1.0</b> <b>CCMA 1.5</b> <b>CCMA 2.5</b> <b>CCMA 3.0</b> <b>CCMA 4.0</b>	<b>CCMD 0.3</b> <b>CCMD 0.5</b> <b>CCMD 0.7</b> <b>CCMD 1.0</b> <b>CCMD 1.5</b> <b>CCMD 2.5</b> <b>CCMD 3.0</b> <b>CCMD 4.0</b>
16A male crimp contacts for advanced opening 0,5 mm <sup>2</sup> AWG 20 with no grooves 0,75 mm <sup>2</sup> AWG 18 one groove (back side) 1 mm <sup>2</sup> AWG 18 one groove 1,5 mm <sup>2</sup> AWG 16 two grooves 2,5 mm <sup>2</sup> AWG 14 three grooves			<b>CC 0.5 AN</b> <b>CC 0.7 AN</b> <b>CC 1.0 AN</b> <b>CC 1.5 AN</b> <b>CC 2.5 AN</b>	

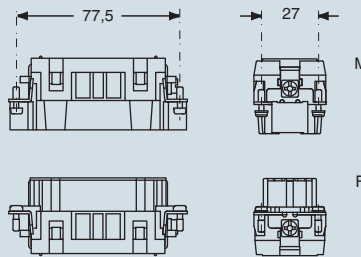
silver plated

gold plated 1)

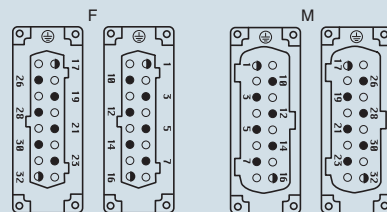
- characteristics according to EN 61984:  
**16A 830V 8kV 3**  
**16A 1000V 8kV 2**  
**16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- 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
- for maximum current load, see the following load curves inserts, for more information see page 562



dimensions in mm



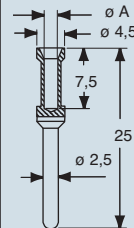
contacts side (front view)



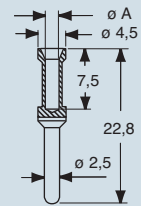
● the auxiliary contacts are in the forward position upon opening

dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC...AN contacts

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(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	2,55	7,5
4	2,85	7,5

1) basic or high thickness gold plating page 481

dimensions shown are not binding and may be changed without notice

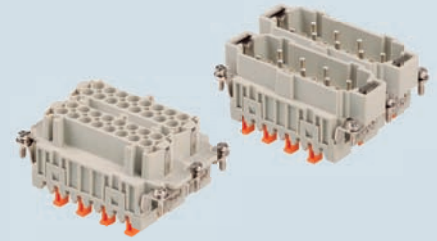
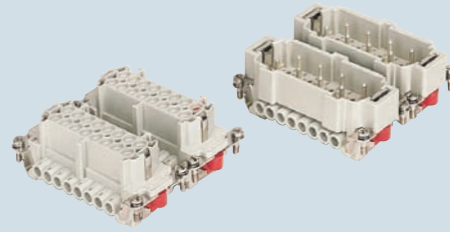
enclosures:  
size "77.62"

page:

**C-TYPE IP65/IP66** ..... 267 - 270  
**W-TYPE for aggressive environments** ..... 377

**inserts,  
screw terminal connection**

**inserts,  
spring terminal connection**



silver plated contacts

silver plated contacts

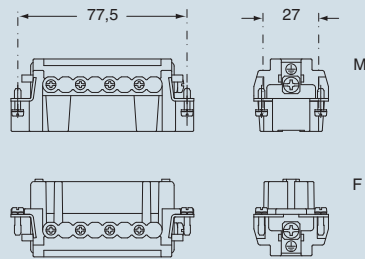
**NEW**

description	part No.	part No.	part No.	part No.
indirect, with plate 1) female inserts, No. (1-16) and (17-32) male inserts, No. (1-16) and (17-32)	<b>CMEF 06 T</b> <b>CMEM 06 T</b>	<b>CMEF 06 TN</b> <b>CMEM 06 TN</b>		
direct, without plate 2) female inserts, No. (1-16) and (17-32) male inserts, No. (1-16) and (17-32)	<b>CMEF 06 TX</b> <b>CMEM 06 TX</b>	<b>CMEF 06 TXN</b> <b>CMEM 06 TXN</b>		
spring terminals with actuator button female inserts, No. (1-16) and (17-32) male inserts, No. (1-16) and (17-32)			<b>CMSHF 06</b> <b>CMSHM 06</b>	<b>CMSHF 06 N</b> <b>CMSHM 06 N</b>

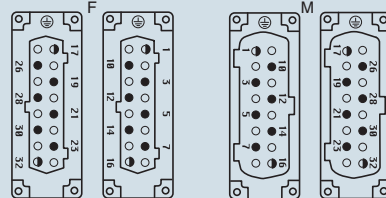
- characteristics according to EN 61984:

- 16A 830V 8kV 3**
- 16A 1000V 8kV 2**
- 16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- insulation resistance:  $\geq 10 \text{ G}\Omega$
- ambient temperature limit:  $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life:  $\geq 500$  cycles
- contact resistance:  $\leq 1 \text{ m}\Omega$  (CME) -  $\leq 3 \text{ m}\Omega$  (CMSH)
- for maximum current load, see the following load curves inserts, for more information see page 562

dimensions in mm

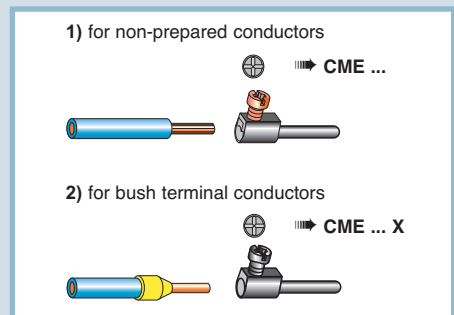


contacts side (front view)

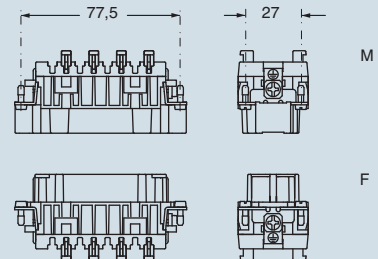


● the auxiliary contacts are in the forward position upon opening

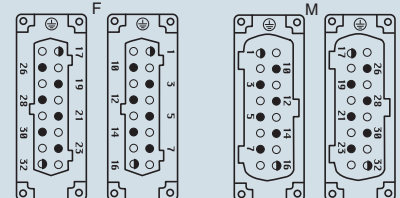
- inserts with plate, for section conductors: 0,5 - 4 mm<sup>2</sup> - AWG 20 - 12
- inserts without plate, for section conductors: 0,25 - 2,5 mm<sup>2</sup> - AWG 24 - 14
- conductors stripping length: 7 mm
- terminal screw torque: 0.5 Nm (4.4 lb.in), for more information see page 34 and 35
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V



dimensions in mm

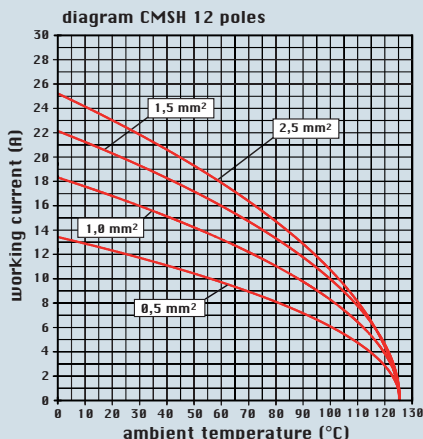
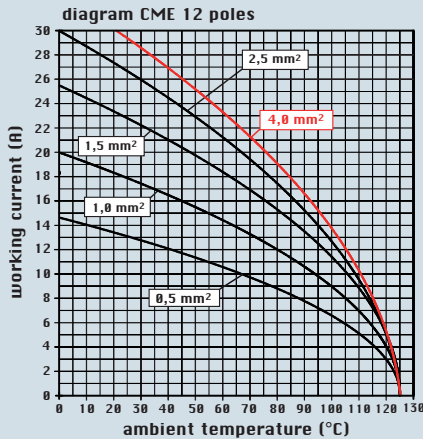
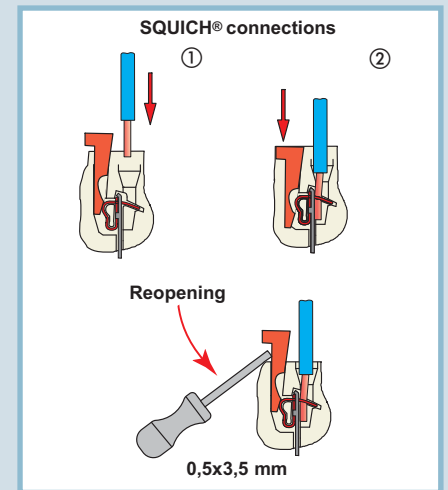


contacts side (front view)



● the auxiliary contacts are in the forward position upon opening

- inserts for section conductors: 0,14 - 2,5 mm<sup>2</sup> - AWG 26 - 14
- conductors stripping length: 9...11 mm



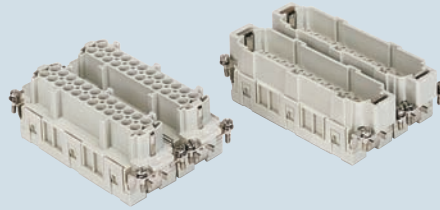
dimensions shown are not binding and may be changed without notice



enclosures:  
size "104.62" page:

C-TYPE IP65/IP66..... 271  
W-TYPE for aggressive environments 378

inserts,  
crimp connections



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



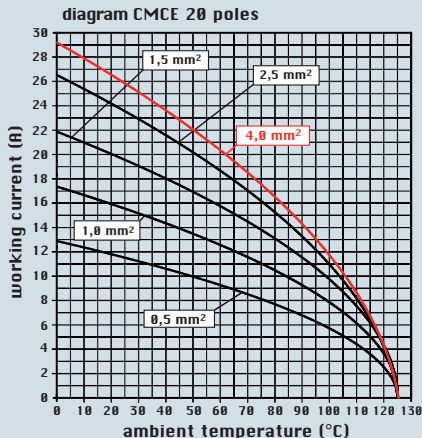
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 534, 538, 544, 546, 548

description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts, No. (1-24) and (25-48) male inserts, No. (1-24) and (25-48)	<b>CMCEF 10</b> <b>CMCEM 10</b>	<b>CMCFE 10 N</b> <b>CMCEM 10 N</b>		
16A female contacts 0,14-0,37 mm <sup>2</sup> AWG 26-22 three grooves 0,5 mm <sup>2</sup> AWG 20 with no grooves 0,75 mm <sup>2</sup> AWG 18 one groove (back side) 1 mm <sup>2</sup> AWG 18 one groove 1,5 mm <sup>2</sup> AWG 16 two grooves 2,5 mm <sup>2</sup> AWG 14 three grooves 3 mm <sup>2</sup> AWG 12 one wide groove 4 mm <sup>2</sup> AWG 12 with no grooves			<b>CCFA 0.3</b> <b>CCFA 0.5</b> <b>CCFA 0.7</b> <b>CCFA 1.0</b> <b>CCFA 1.5</b> <b>CCFA 2.5</b> <b>CCFA 3.0</b> <b>CCFA 4.0</b>	<b>CCFD 0.3</b> <b>CCFD 0.5</b> <b>CCFD 0.7</b> <b>CCFD 1.0</b> <b>CCFD 1.5</b> <b>CCFD 2.5</b> <b>CCFD 3.0</b> <b>CCFD 4.0</b>
16A male contacts 0,14-0,37 mm <sup>2</sup> AWG 26-22 three grooves 0,5 mm <sup>2</sup> AWG 20 with no grooves 0,75 mm <sup>2</sup> AWG 18 one groove (back side) 1 mm <sup>2</sup> AWG 18 one groove 1,5 mm <sup>2</sup> AWG 16 two grooves 2,5 mm <sup>2</sup> AWG 14 three grooves 3 mm <sup>2</sup> AWG 12 one wide groove 4 mm <sup>2</sup> AWG 12 with no grooves			<b>CCMA 0.3</b> <b>CCMA 0.5</b> <b>CCMA 0.7</b> <b>CCMA 1.0</b> <b>CCMA 1.5</b> <b>CCMA 2.5</b> <b>CCMA 3.0</b> <b>CCMA 4.0</b>	<b>CCMD 0.3</b> <b>CCMD 0.5</b> <b>CCMD 0.7</b> <b>CCMD 1.0</b> <b>CCMD 1.5</b> <b>CCMD 2.5</b> <b>CCMD 3.0</b> <b>CCMD 4.0</b>
16A male crimp contacts for advanced opening 0,5 mm <sup>2</sup> AWG 20 with no grooves 0,75 mm <sup>2</sup> AWG 18 one groove (back side) 1 mm <sup>2</sup> AWG 18 one groove 1,5 mm <sup>2</sup> AWG 16 two grooves 2,5 mm <sup>2</sup> AWG 14 three grooves			<b>CC 0.5 AN</b> <b>CC 0.7 AN</b> <b>CC 1.0 AN</b> <b>CC 1.5 AN</b> <b>CC 2.5 AN</b>	

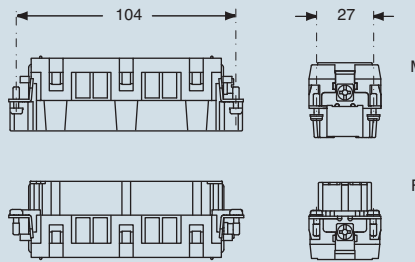
silver plated

gold plated 1)

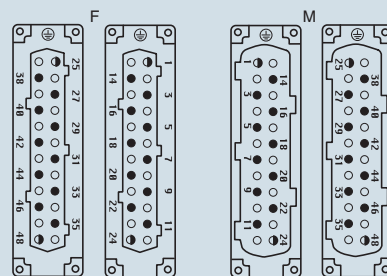
- characteristics according to EN 61984:  
**16A 830V 8kV 3**  
**16A 1000V 8kV 2**  
**16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- 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
- for maximum current load, see the following load curves inserts, for more information see page 562



dimensions in mm



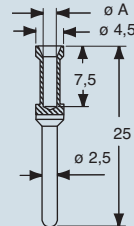
contacts side (front view)



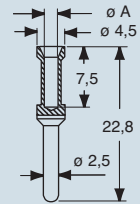
● the auxiliary contacts are in the forward position upon opening

dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC...AN contacts

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(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	2,55	7,5
4	2,85	7,5

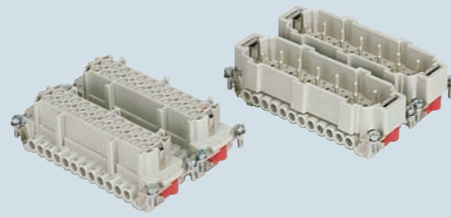
1) basic or high thickness gold plating page 481

dimensions shown are not binding and may be changed without notice

enclosures:  
size "104.62" page:

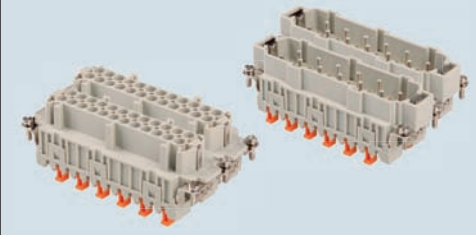
C-TYPE IP65/IP66..... 271  
W-TYPE for aggressive environments 378

inserts,  
screw terminal connection



silver plated contacts

inserts,  
spring terminal connection

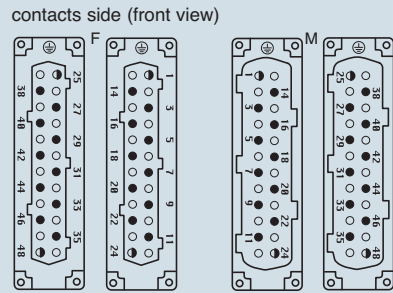
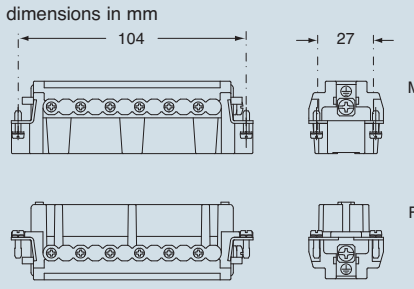


silver plated contacts

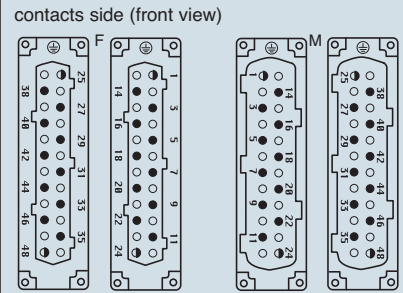
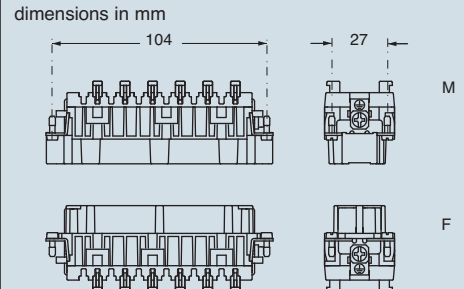
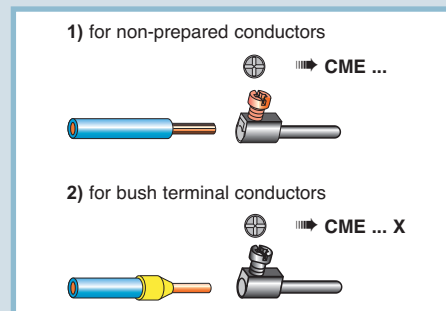
**NEW**

description	part No.	part No.	part No.	part No.
indirect, with plate 1) female inserts, No. (1-24) and (25-48) male inserts, No. (1-24) and (25-48)	<b>CMEF 10 T</b> <b>CMEM 10 T</b>	<b>CMEF 10 TN</b> <b>CMEM 10 TN</b>		
direct, without plate 2) female inserts, No. (1-24) and (25-48) male inserts, No. (1-24) and (25-48)	<b>CMEF 10 TX</b> <b>CMEM 10 TX</b>	<b>CMEF 10 TXN</b> <b>CMEM 10 TXN</b>		
spring terminals with actuator button female inserts, No. (1-24) and (25-48) male inserts, No. (1-24) and (25-48)			<b>CMSHF 10</b> <b>CMSHM 10</b>	<b>CMSHF 10 N</b> <b>CMSHM 10 N</b>

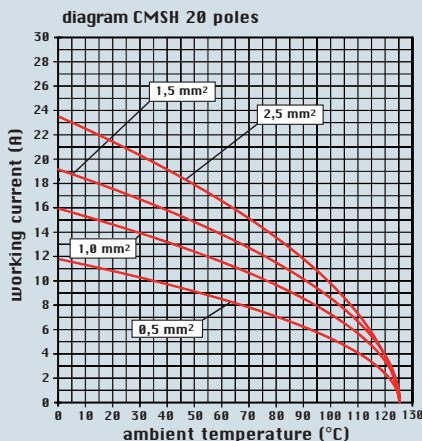
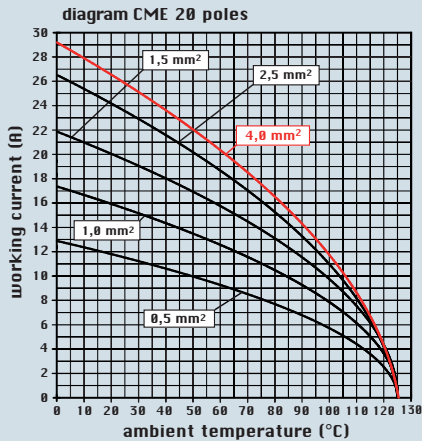
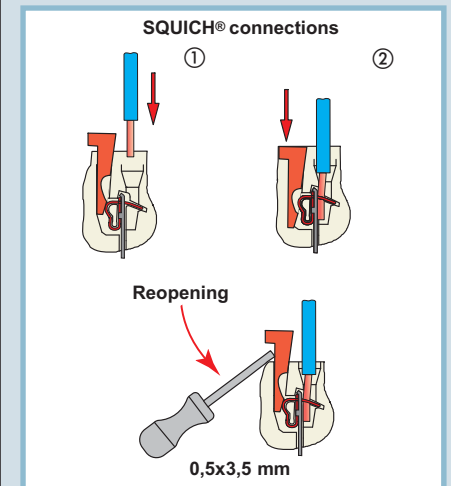
- characteristics according to EN 61984:
- 16A 830V 8kV 3**
- 16A 1000V 8kV 2**
- 16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ (CME) - ≤ 3 mΩ (CMSH)
- for maximum current load, see the following load curves inserts, for more information see page 562



- the auxiliary contacts are in the forward position upon opening
- inserts with plate, for section conductors: 0,5 - 4 mm<sup>2</sup> - AWG 20 - 12
- inserts without plate, for section conductors: 0,25 - 2,5 mm<sup>2</sup> - 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
- UL, CSA, CCC \*, EAC certified
- \* CQC certification being applied for
- rated voltage according to UL/CSA: 600V



- the auxiliary contacts are in the forward position upon opening
- inserts for section conductors: 0,14 - 2,5 mm<sup>2</sup> - AWG 26 - 14
- conductors stripping length: 9...11 mm



dimensions shown are not binding and may be changed without notice

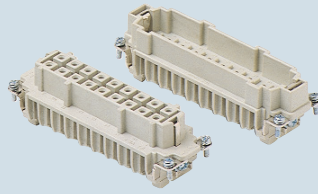
enclosures:  
size "104.27" page:

- 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
- insulated 830V ..... 445 - 448

panel supports:  
COB ..... 462 - 463

- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF and CCM series) on pages 534, 538, 544, 546, 548

inserts,  
crimp connections



16A 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

CMCEF 16  
CMCEM 16

16A female contacts

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

16A male contacts

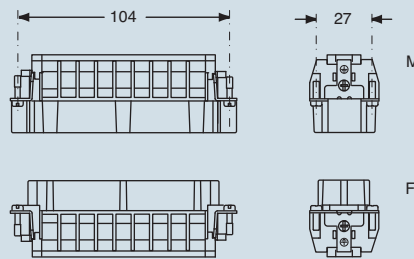
0,14-0,37 mm <sup>2</sup>	AWG 26-22	three grooves
0,5 mm <sup>2</sup>	AWG 20	with no grooves
0,75 mm <sup>2</sup>	AWG 18	one groove (back side)
1 mm <sup>2</sup>	AWG 18	one groove
1,5 mm <sup>2</sup>	AWG 16	two grooves
2,5 mm <sup>2</sup>	AWG 14	three grooves
3 mm <sup>2</sup>	AWG 12	one wide groove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

CCFA 0.3	silver plated	CCFD 0.3	gold plated 1)
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	

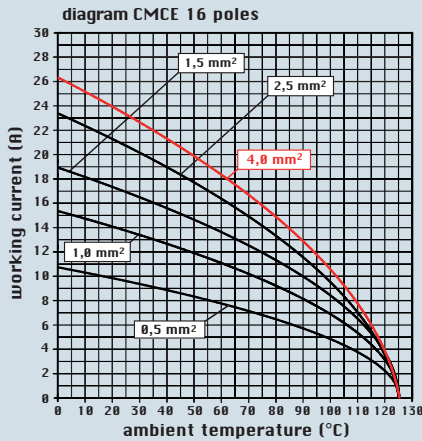
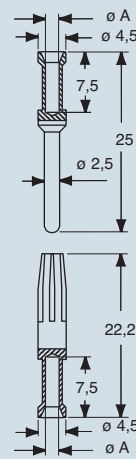
CCMA 0.3	silver plated	CCMD 0.3	gold plated 1)
CCMA 0.5		CCMD 0.5	
CCMA 0.7		CCMD 0.7	
CCMA 1.0		CCMD 1.0	
CCMA 1.5		CCMD 1.5	
CCMA 2.5		CCMD 2.5	
CCMA 3.0		CCMD 3.0	
CCMA 4.0		CCMD 4.0	

- characteristics according to EN 61984:  
**16A 400/690V 6kV 3**  
**16A 1000V 8kV 2**  
**16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, 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
- inserts and enclosures for applications with temperatures up to 180 °C, available on request; enclosures on page 401
- for maximum current load, see the following load curves inserts, for more information see page 562

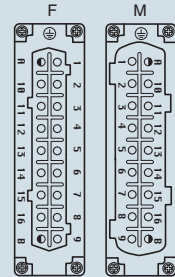
dimensions in mm



dimensions in mm



contacts side (front view)



● the auxiliary contacts are in the forward position upon opening

- the auxiliary contacts are the same as power contacts: early opening is obtained by drawing back the seats

CCF and CCM contacts

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(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	2,55	7,5
4	2,85	7,5

1) basic or high thickness gold plating page 481

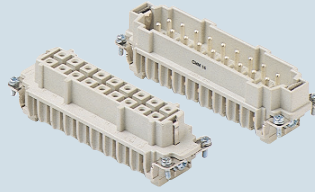
dimensions shown are not binding and may be changed without notice

enclosures:  
size "104.27" page:

- 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
- insulated 830V ..... 445 - 448

panel supports: page:  
COB ..... 462 - 463

inserts,  
screw terminal connection



silver  
plated  
contacts

description

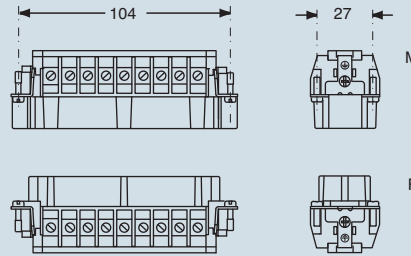
part No.

female inserts with female contacts  
male inserts with male contacts

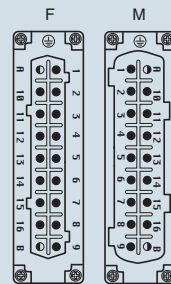
**CMEF 16**  
**CMEM 16**

- characteristics according to EN 61984:
- 16A 400/690V 6kV 3**
- 16A 1000V 8kV 2**
- 16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, 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:  $\geq 500$  cycles
- contact resistance:  $\leq 1 \text{ m}\Omega$
- inserts and enclosures for applications with temperatures up to 180 °C, available on request; enclosures on page 401
- for maximum current load, see the following load curves inserts, for more information see page 562

dimensions in mm

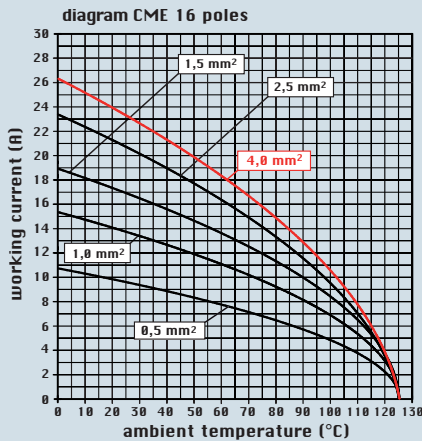


contacts side (front view)



● the auxiliary contacts are in the forward position upon opening

- inserts with plate, for section conductors:  
0,75 - 2,5 mm<sup>2</sup> - AWG 18 - 14
- conductors stripping length: 7 mm
- terminal screw torque: 0,5 Nm (4,4 lb.in), for more information see page 34 and 35

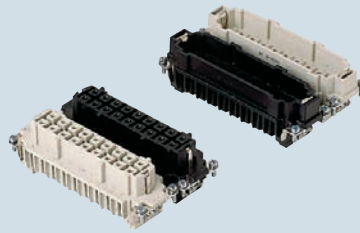


dimensions shown are not binding  
and may be changed without notice

enclosures:  
size "104.62" page:

C-TYPE IP65/IP66..... 271  
W-TYPE for aggressive environments 378

inserts,  
crimp connections



16A crimp contacts  
silver and gold plated



- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF and CCM series) on pages 534, 538, 544, 546, 548

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

without contacts (to be ordered separately)  
female inserts, white and black  
male inserts, white and black

CMCEF 16 CMCEM 16 CMCEF 16 N CMCEM 16 N

16A female contacts

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

CCFA 0.3	silver plated	CCFD 0.3	gold plated 1)
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	

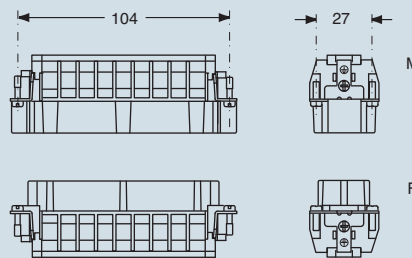
16A male contacts

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

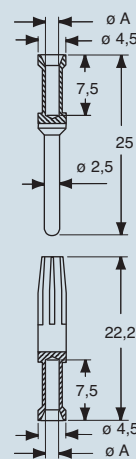
CCMA 0.3	silver plated	CCMD 0.3	gold plated 1)
CCMA 0.5		CCMD 0.5	
CCMA 0.7		CCMD 0.7	
CCMA 1.0		CCMD 1.0	
CCMA 1.5		CCMD 1.5	
CCMA 2.5		CCMD 2.5	
CCMA 3.0		CCMD 3.0	
CCMA 4.0		CCMD 4.0	

- characteristics according to EN 61984:
- 16A 400/690V 6kV 3**
- 16A 1000V 8kV 2**
- 16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, 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
- for maximum current load, see the following load curves inserts, for more information see page 562

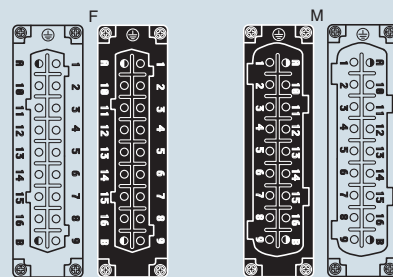
dimensions in mm



dimensions in mm

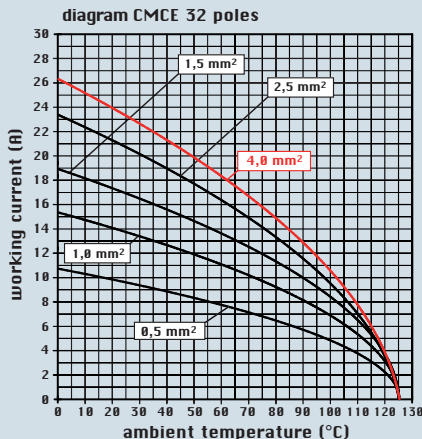


contacts side (front view)



the auxiliary contacts are in the forward position upon opening

- the auxiliary contacts are the same as power contacts: early opening is obtained by drawing back the seats



dimensions shown are not binding and may be changed without notice

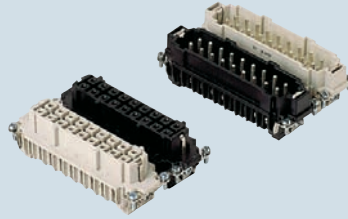
CCF and CCM contacts

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(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	2,55	7,5
4	2,85	7,5

1) basic or high thickness gold plating page 481

enclosures:  
 size "104.62" page:  
**C-TYPE IP65/IP66**..... 271  
**W-TYPE for aggressive environments** 378

**inserts,  
 screw terminal connection**

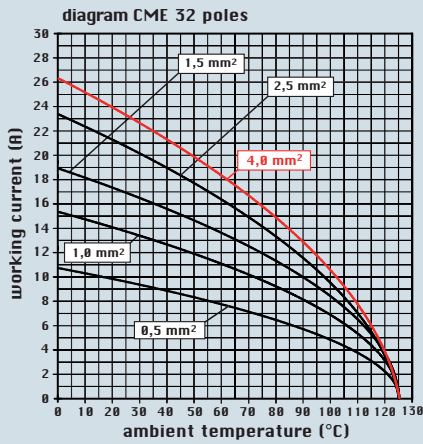
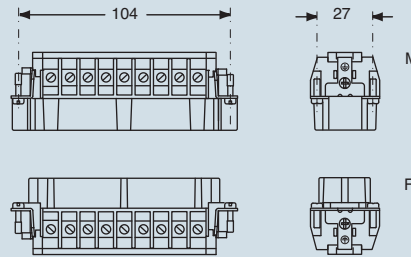


silver plated contacts

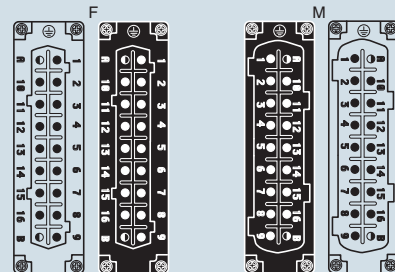
description	part No.	part No.
female inserts, white and black	<b>CMEF 16</b>	<b>CMEF 16 N</b>
male inserts, white and black	<b>CMEM 16</b>	<b>CMEM 16 N</b>

- characteristics according to EN 61984:  
**16A 400/690V 6kV 3**  
**16A 1000V 8kV 2**  
**16A 720/1250V 8kV 2**
- auxiliary contacts: **16A 500V 6kV 3**
- UL, CSA, CCC \*, 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
- for maximum current load, see the following load curves inserts, for more information see page 562

dimensions in mm



contacts side (front view)



● the auxiliary contacts are in the forward position upon opening

- inserts with plate, for section conductors: 0.75 - 2.5 mm² - AWG 18 - 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