

enclosures:  
size "21.21" page:

insulating type ..... 221 - 222 \*  
metallic type ..... 223 - 225 \*  
W-TYPE for aggressive environments ..... 369 \*  
EMC ..... 387 \*  
IP68 ..... 416 - 418 \*  
E-Xtreme corrosion proof ..... 50 - 51

\* refer to catalogue page CN.16

**inserts, crimp connections**



**AVAILABLE  
NOVEMBER 2017**

**CI crimp contacts  
silver and gold plated**



**AVAILABLE  
NOVEMBER 2017**

description	part No.	part No.	part No.
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without contacts (to be ordered separately)  
female inserts for female contacts  
male inserts for male contacts

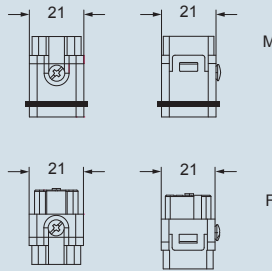
**CQF 21**  
**CQM 21**

CI female crimp contacts			
0,08-0,21 mm <sup>2</sup> AWG 28-24			
0,13-0,33 mm <sup>2</sup> AWG 26-22			
0,33-0,52 mm <sup>2</sup> AWG 22-20			
CI male crimp contacts			
0,08-0,21 mm <sup>2</sup> AWG 28-24			
0,13-0,33 mm <sup>2</sup> AWG 26-22			
0,33-0,52 mm <sup>2</sup> AWG 22-20			

CIFA 0.2	<b>silver plated</b>	CIFD 0.2	<b>gold plated</b>
CIFA 0.3		CIFD 0.3	
CIFA 0.5		CIFD 0.5	
CIMA 0.2		CIMD 0.2	
CIMA 0.3		CIMD 0.3	
CIMA 0.5		CIMD 0.5	

- characteristics according to EN 61984:  
**6,5A 50V ac / 120V dc 0,8kV 3**
- insulation resistance:  $\geq 10 \text{ G}\Omega$
- ambient temperature limits:  $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life:  $\geq 500$  cycles
- contact resistance:  $\leq 4 \text{ m}\Omega$
- one pre-mating contact
- for crimp contacts CI series use, see page 540 catalogue CN.16
- CIPZ D** crimping tool
- CITP D** turret head
- CIES** insertion / removal tool

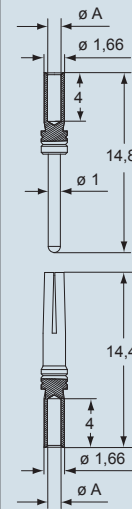
**dimensions in mm**



**contacts side (front view)**



**dimensions in mm**



**CIF and CIM contacts**

conductor section mm <sup>2</sup>	conductor slot $\phi A$ (mm)	conductors stripping length (mm)
0,08-0,21	0,64	4
0,13-0,33	0,90	4
0,33-0,52	1,12	4

max insulation diameter: 1,7 mm

dimensions shown are not binding and may be changed without notice