

enclosures: size "44.27"

standard page: 176 ÷ 179
 aggressive environments page: 181
 EMC page: 182

panel supports:

COB page: 258 ÷ 259

- features according to EN 61984:

- 16A 500V 6kV 3**
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 31
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 296, 300, 304, 306, 308

inserts, crimp connections

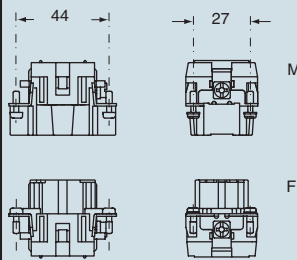


16A crimp contacts normal and for advanced opening silver and gold plated

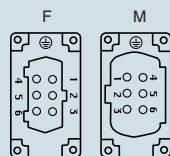


description	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts male inserts for male contacts	CCEF 06 CCEM 06		
16A female contacts 0.5 mm ² AWG 20 with no grooves 0.75 mm ² AWG 18 one groove (back side) 1 mm ² AWG 18 one groove 1.5 mm ² AWG 16 two 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		silver plated	gold plated
16A male contacts 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		silver plated	gold plated
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		silver plated	gold plated
		CCFA 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0	CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0
		CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0	CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0
		CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN	

dimensions in mm

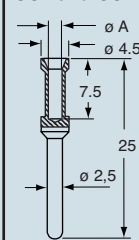


contacts side (front view)

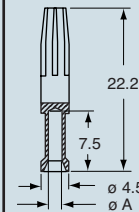
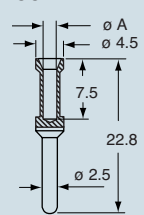


dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

conductor section mm ²	ø slot A (mm)
0.5	1.1
0.75	1.3
1.0	1.45
1.5	1.8
2.5	2.2
3	2.55
4	2.85

dimensions indicated are not binding and may be changed without notice

- stripping length see section feature of inserts on page 13

enclosures: **size "57.27"**

standard page: 184 ÷ 188
aggressive environments page: 195
EMC page: 196

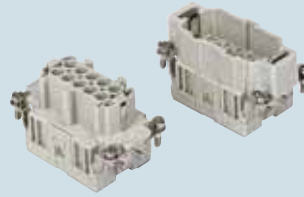
panel supports:

COB page: 258 ÷ 259

- features according to EN 61984:

- 16A 500V 6kV 3**
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 31
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 296, 300, 304, 306, 308

inserts, crimp connections



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

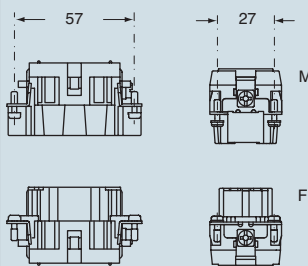


description	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts male inserts for male contacts	CCEF 10 CCEM 10		
16A female contacts 0.5 mm ² AWG 20 with no grooves 0.75 mm ² AWG 18 one groove (back side) 1 mm ² AWG 18 one groove 1.5 mm ² AWG 16 two 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 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0	CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0
16A male contacts 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		CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0	CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0
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		CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN	

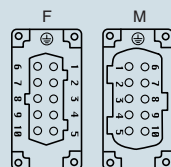
silver plated

gold plated

dimensions in mm

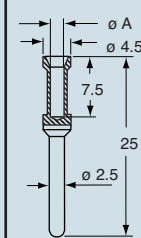


contacts side (front view)

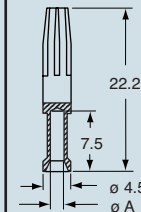
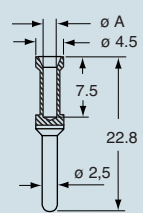


dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

conductor section mm ²	ø slot A (mm)
0.5	1.1
0.75	1.3
1.0	1.45
1.5	1.8
2.5	2.2
3	2.55
4	2.85

dimensions indicated are not binding and may be changed without notice

- stripping length see section feature of inserts on page 13

enclosures: **size "77.27"**

standard page: 198 ÷ 202
aggressive environments page: 209
EMC page: 210

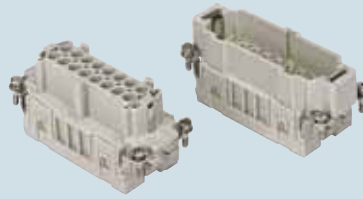
panel supports:

COB page: 258 ÷ 259

- features according to EN 61984:

- 16A 500V 6kV 3**
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 31
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 296, 300, 304, 306, 308

inserts, crimp connections



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

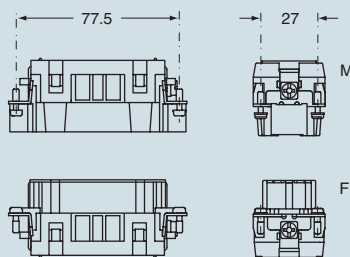


description	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts male inserts for male contacts	CCEF 16 CCEM 16		
16A female contacts 0.5 mm ² AWG 20 with no grooves 0.75 mm ² AWG 18 one groove (back side) 1 mm ² AWG 18 one groove 1.5 mm ² AWG 16 two 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 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0	CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0
16A male contacts 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		CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0	CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0
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		CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN	

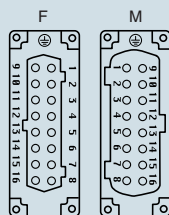
silver plated

gold plated

dimensions in mm

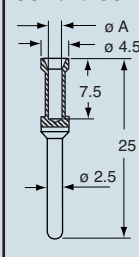


contacts side (front view)

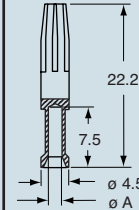
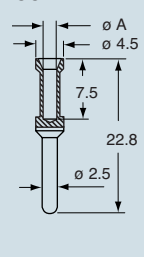


dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

conductor section mm ²	ø slot A (mm)
0.5	1.1
0.75	1.3
1.0	1.45
1.5	1.8
2.5	2.2
3	2.55
4	2.85

dimensions indicated are not binding and may be changed without notice

- stripping length see section feature of inserts on page 13

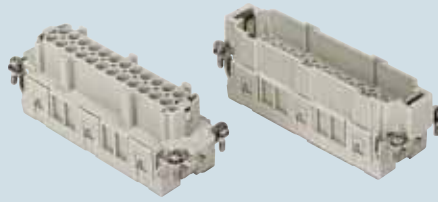
enclosures: **size "104.27"**

standard page: 212 ÷ 216
aggressive environments page: 223
EMC page: 224

panel supports:
COB page: 258 ÷ 259

- features according to EN 61984:
- 16A 500V 6kV 3**
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 31
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 296, 300, 304, 306, 308

inserts, crimp connections



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

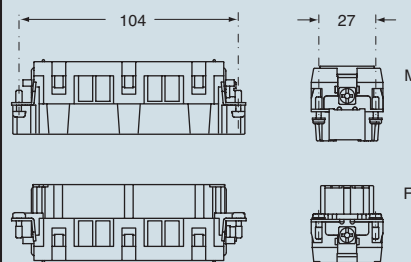


description	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts male inserts for male contacts	CCEF 24 CCEM 24		
16A female contacts 0.5 mm ² AWG 20 with no grooves 0.75 mm ² AWG 18 one groove (back side) 1 mm ² AWG 18 one groove 1.5 mm ² AWG 16 two 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 16A male contacts 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 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0 CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0	CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0 CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0
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		CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN	

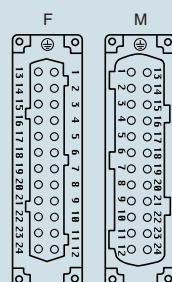
silver plated

gold plated

dimensions in mm

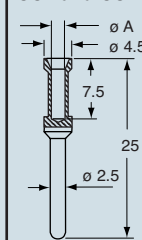


contacts side (front view)

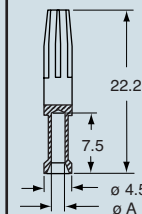
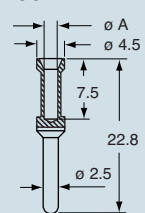


dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

conductor section mm ²	ø slot A (mm)
0.5	1.1
0.75	1.3
1.0	1.45
1.5	1.8
2.5	2.2
3	2.55
4	2.85

dimensions indicated are not binding and may be changed without notice

- stripping length see section feature of inserts on page 13

enclosures: size "77.62"

standard page: 226 ÷ 229

aggressive environments page: 230

- features according to EN 61984:

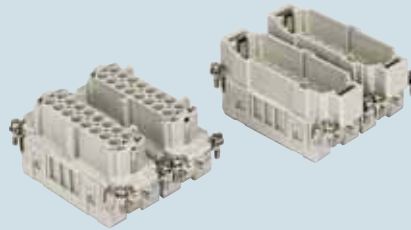
16A 500V 6kV 3

- UL, CSA, CCC, GL certified

- for maximum current load, see the insert load curve section on page 31

- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 296, 300, 304, 306, 308

inserts, crimp connections

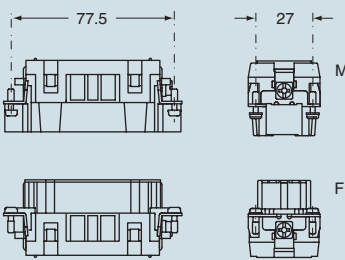


16A crimp contacts normal and for advanced opening silver and gold plated

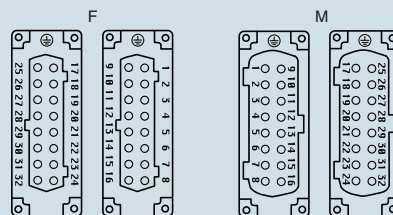


description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts, No. (1÷16) and (17÷32) male inserts, No. (1÷16) and (17÷32)	CCEF 16 CCEM 16	CCEF 16 N CCEM 16 N		
16A female contacts 0.5 mm ² AWG 20 with no grooves 0.75 mm ² AWG 18 one groove (back side) 1 mm 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 16A male contacts 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 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0 CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0	CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0 CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0
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			CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN	

dimensions in mm

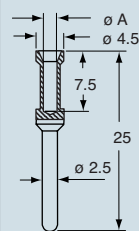


contacts side (front view)

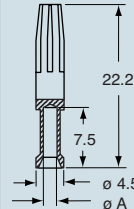
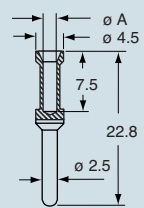


dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

conductor section mm ²	ø slot A (mm)
0.5	1.1
0.75	1.3
1.0	1.45
1.5	1.8
2.5	2.2
3	2.55
4	2.85

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- stripping length see section feature of inserts on page 13

CCE

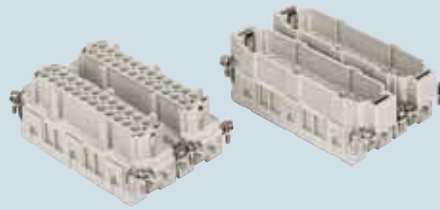
enclosures: size "104.62"

standard page: 232

aggressive environments page: 234

- features according to EN 61984:
- 16A 500V 6kV 3**
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 31
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) on pages 296, 300, 304, 306, 308

inserts, crimp connections

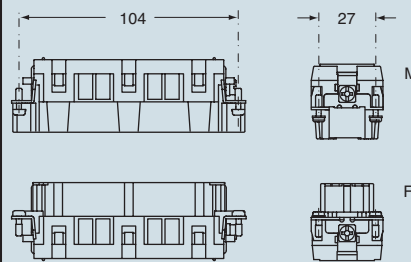


16A crimp contacts normal and for advanced opening silver and gold plated

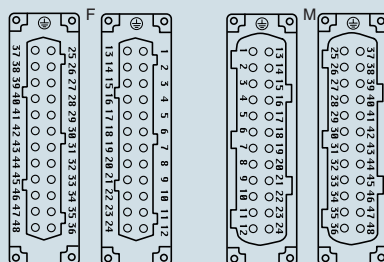


description	part No.	part No.	part No.	part No.																																										
without contacts (to be ordered separately) female inserts, No. (1÷24) and (25÷48) male inserts, No. (1÷24) and (25÷48)	CCEF 24 CCEM 24	CCEF 24 N CCEM 24 N																																												
<p>16A female contacts</p> <table border="0"> <tr><td>0.5 mm²</td><td>AWG 20</td><td>with no grooves</td></tr> <tr><td>0.75 mm²</td><td>AWG 18</td><td>one groove (back side)</td></tr> <tr><td>1 mm²</td><td>AWG 18</td><td>one groove</td></tr> <tr><td>1.5 mm²</td><td>AWG 16</td><td>two grooves</td></tr> <tr><td>2.5 mm²</td><td>AWG 14</td><td>three grooves</td></tr> <tr><td>3 mm²</td><td>AWG 12</td><td>one wide groove</td></tr> <tr><td>4 mm²</td><td>AWG 12</td><td>with no grooves</td></tr> </table> <p>16A male contacts</p> <table border="0"> <tr><td>0.5 mm²</td><td>AWG 20</td><td>with no grooves</td></tr> <tr><td>0.75 mm²</td><td>AWG 18</td><td>one groove (back side)</td></tr> <tr><td>1 mm²</td><td>AWG 18</td><td>one groove</td></tr> <tr><td>1.5 mm²</td><td>AWG 16</td><td>two grooves</td></tr> <tr><td>2.5 mm²</td><td>AWG 14</td><td>three grooves</td></tr> <tr><td>3 mm²</td><td>AWG 12</td><td>one wide groove</td></tr> <tr><td>4 mm²</td><td>AWG 12</td><td>with no grooves</td></tr> </table>	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	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			<p>CCFA 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">silver plated</p> <p>CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">gold plated</p> <p>CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0</p> <p>CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0</p>	
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																																												
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																																												
<p>16A male crimp contacts for advanced opening</p> <table border="0"> <tr><td>0.5 mm²</td><td>AWG 20</td><td>with no grooves</td></tr> <tr><td>0.75 mm²</td><td>AWG 18</td><td>one groove (back side)</td></tr> <tr><td>1 mm²</td><td>AWG 18</td><td>one groove</td></tr> <tr><td>1.5 mm²</td><td>AWG 16</td><td>two grooves</td></tr> <tr><td>2.5 mm²</td><td>AWG 14</td><td>three grooves</td></tr> </table>	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			<p>CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN</p>																												
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1.5 mm ²	AWG 16	two grooves																																												
2.5 mm ²	AWG 14	three grooves																																												

dimensions in mm

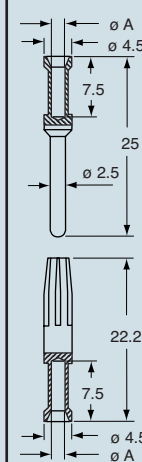


contacts side (front view)

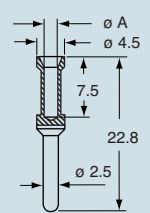


dimensions in mm

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

conductor section mm ²	ø slot A (mm)
0.5	1.1
0.75	1.3
1.0	1.45
1.5	1.8
2.5	2.2
3	2.55
4	2.85

- stripping length see section feature of inserts on page 13

dimensions indicated are not binding and may be changed without notice

CCE