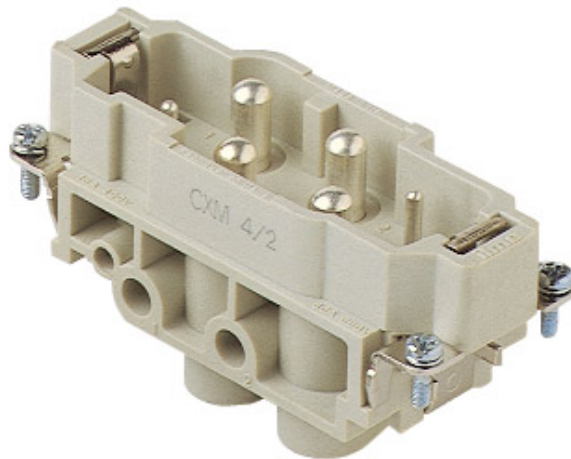








## Product Sheet

**Part Number:** CXM 4/2

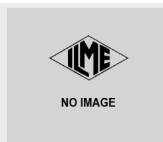


<b>Family</b>	CLASS insert series
<b>Version</b>	screw terminal connections
<b>Series</b>	CX
<b>Product type</b>	with male contacts
<b>Model</b>	male insert
<b>Reference standard</b>	EN 61984 (2001-11)
<b>Contact type</b>	silver plated
<b>No. of poles</b>	4 poles + 
<b>Auxiliaries poles</b>	2 poles (16A max - 400V/6kV/3)
<b>Voltage (V)</b>	690V
<b>Current (A)</b>	80A (A.C./D.C.)
<b>Wire section</b>	4mm <sup>2</sup> - 16mm <sup>2</sup>
<b>Awg size</b>	12 - 6
<b>Quality mark</b>	    

The information and the dimensions contained are not binding and may be changed without prior notice.  
The drawing's dimensions are in mm.

<b>IP degree of protection</b>	IP20 degree of protection without enclosure; IP65, IP66, IP67, IP68 (EN 60529) and IP69K (DIN 40050 - 9) with enclosure
<b>Fixing centre distance</b>	size "77.27"
<b>Impulse withstand voltage</b>	8kV
<b>Pollution degree</b>	3

**Notes**



- CXF/M 4/2 inserts
- 80A contacts
- without plate for section conductors:
  - 4 - 16 mm<sup>2</sup> - AWG 12 - 6
- conductors stripping length: 14 mm
- terminal screw torque: 2.5 Nm
- characteristics according to EN 61984:
  - 80A 690V 8kV 3
  - 16A 400V 6kV 3
  - 16A 400/690V 6kV 2
- rated voltage according to UL/CSA: 600V
- insulation resistance: > 10 GOhm
- 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 mOhm (4 poles) < 1 mOhm (2 poles)
- inserts for applications with temperatures up to 180 °C, available on request
- enclosures: size 77.27:
  - C-TYPE IP65/IP66
  - C7 IP67 stainless steel lever .
  - V-TYPE IP65/IP66
  - stainless steel lever
  - T-TYPE IP65 insulating
  - JEI zinc-plated steel lever
  - BIG hoods
  - aggressive environments
  - EMC
  - central lever
  - IP68
- panel supports: COB

The information and the dimensions contained are not binding and may be changed without prior notice.  
The drawing's dimensions are in mm.