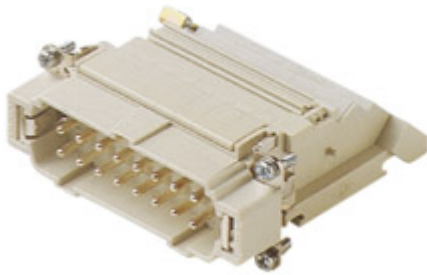


Part number

# CTM 16 L



Male insert, CT series, screw terminal connection, 16 poles + PE, 16 A 230/400 V 4 kV 2, size "77.27", with incorporated terminal block, left side mounting

## Product description

<b>Product type</b>	Insert
<b>Series</b>	CT
<b>Connection type</b>	Screw terminal connection
<b>Gender</b>	Male
<b>N. of poles</b>	16 poles +
<b>Size</b>	Size 77.27
<b>Specification</b>	Left side mounting With incorporated terminal block

## Technical data

<b>Current</b>	16 A
<b>Voltage</b>	230 - 400 V
<b>Rated impulse withstand voltage</b>	4 kV
<b>Pollution degree</b>	2
<b>Rated voltage according to UL/CSA</b>	600 V
<b>Wire cross-section</b>	0,75 mm <sup>2</sup> - 2,50 mm <sup>2</sup>
<b>AWG size</b>	18 - 14
<b>Contact type</b>	Turned silver plated
<b>IP degree of protection</b>	IP20 without enclosure, IP66/IP69 with enclosure

## Further technical details

<b>Characteristics according to EN 61984</b>	10A 230/400V 4kV 3; 10A 400V 4kV 2
<b>Mating cycles</b>	≥ 500
<b>Insulation resistance</b>	≥ 10 GΩ
<b>Contact resistance</b>	≤ 4 mΩ
<b>Weight</b>	175,00 g
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C
<b>Conductors stripping length</b>	12 mm
<b>UL 94 flammability rating</b>	V-0
<b>Torque for main contact</b>	M2,6: 0,4 Nm; 3,5 lb.in (0,5 x 3 mm)
<b>Tightening torque for PE connection</b>	M4: 1,2 Nm, 10,6 lb.in (Ph2 or 1,0x5,5mm )
<b>Tightening torque for fixing screws</b>	M3: 0.5 Nm; 4.4 lb.in (Ph1 or 0.8x4 mm)

## Material properties

<b>Main material</b>	Polycarbonate (PC)
<b>Other materials</b>	Contacts: copper alloy
<b>Colour</b>	RAL 7032 grey
<b>RoHs conformity</b>	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>China RoHs - EFUP</b>	50
<b>REACH SVHC substances</b>	Yes Lead
<b>SCIP number</b>	1a9c93ff-0445-4a16-81e3-1609ac5274d6

## Approvals / Standards

<b>Reference standard</b>	EN 61984:2009-06
<b>Certifications</b>	CSA, CQC, DNV, BV, EAC
<b>UL</b>	ECBT2

## General ordering information

<b>EAN13 code</b>	8015747041164
<b>eCl@ss 8.1</b>	27440205
<b>ETIM 7.0</b>	EC000438

## Packaging Information

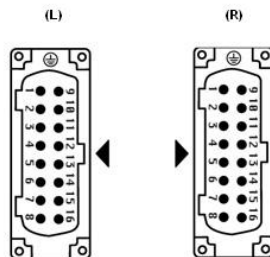
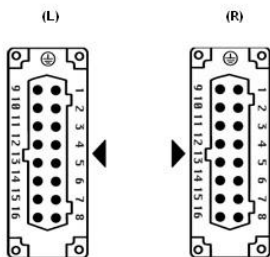
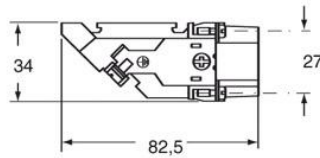
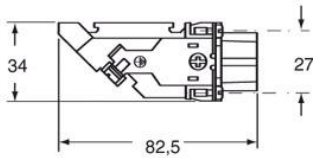
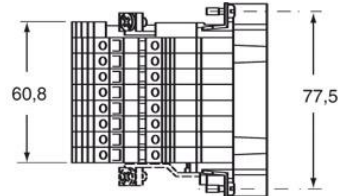
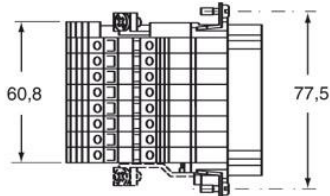
<b>Packaging weight</b>	0,75 kg
<b>Packaging description</b>	Carton box
<b>Packaging quantity</b>	4 Pcs
<b>Packaging EAN code</b>	8015747041171
<b>Sub-packaging length</b>	145,00 mm
<b>Sub-packaging height</b>	89,00 mm
<b>Sub-packaging width</b>	90,00 mm
<b>Sub-packaging weight</b>	0,19 kg
<b>Sub-packaging volume</b>	1,16 dm <sup>3</sup>
<b>Sub-packaging description</b>	Plastic packaging
<b>Sub-packaging quantity</b>	1 Pcs
<b>Sub-packaging EAN barcode</b>	8015747041188

Part number

# CTM 16 L



Catalogue drawings



## Notes

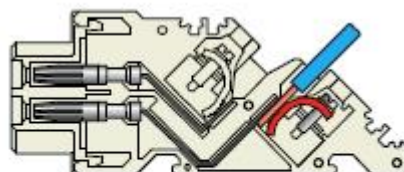
### CTF/M 16 L/R inserts

- characteristics according to EN 61984:  
16A 400V 4kV 2
- can be mated with CNE, CCE, CCS, CSE, CSH inserts
- inserts may be fitted both from the front or the rear of enclosure
- 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: < 4 mOhm
- conductors stripping length: 12 mm
- terminal screw torque: 0.4 Nm
- enclosures (only bulkhead mounted housing): 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  
W-TYPE aggressive environments

### EMC

Dimensions shown in mm are not binding and may be changed without notice.

CT ... : for non-prepared conductors



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**California Proposition 65 Information**



**WARNING**

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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