


Part number

# CDSM 42 N



Male insert, CDS series, spring terminal connection, 42 poles + PE (43-84), 10 A 400 V 6 kV 3, size "104.62"

## Product description

<b>Product type</b>	Insert
<b>Series</b>	CDS
<b>Connection type</b>	Spring terminal connection
<b>Gender</b>	Male
<b>N. of poles</b>	84 poles + 
<b>Size</b>	Size 104.62
<b>Technical data</b>	
<b>Current</b>	10 A
<b>Voltage</b>	400 V
<b>Rated impulse withstand voltage</b>	6 kV
<b>Pollution degree</b>	3
<b>Rated voltage according to UL/CSA</b>	600 V
<b>Wire cross-section</b>	0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>
<b>AWG size</b>	26 - 14
<b>Contact type</b>	Turned silver plated
<b>Pole numbering system</b>	43-84
<b>IP degree of protection</b>	IP20 without enclosure, IP65/IP66 with enclosure

## Further technical details

<b>Characteristics according to EN 61984</b>	10A 400V 6kV 3; 10A 400/690V 6kV 2
<b>Mating cycles</b>	≥ 500
<b>Insulation resistance</b>	≥ 10 GΩ
<b>Contact resistance</b>	≤ 3 mΩ
<b>Weight</b>	115,00 g
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C
<b>Conductors stripping length</b>	9...11 mm
<b>UL 94 flammability rating</b>	V-0

## Material properties

<b>Main material</b>	Polycarbonate (PC)
<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
<b>cUL</b>	ECBT8

## General ordering information

<b>EAN13 code</b>	8015747195560
<b>ETIM 7.0</b>	EC000438

## Packaging Information

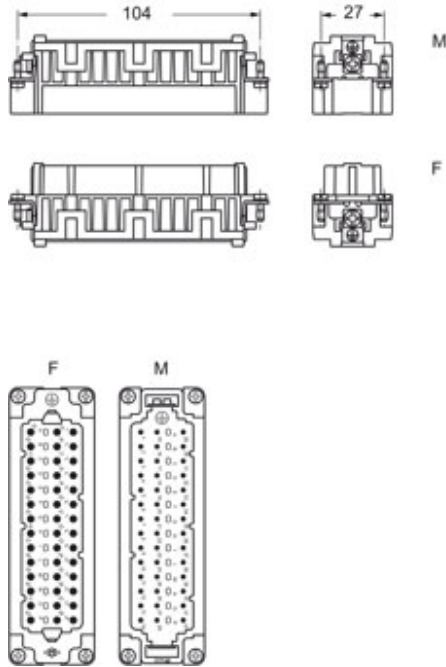
<b>Packaging length</b>	270,00 mm
<b>Packaging height</b>	75,00 mm
<b>Packaging width</b>	180,00 mm
<b>Packaging weight</b>	3,79 kg
<b>Packaging volume</b>	3,65 dm <sup>3</sup>
<b>Packaging description</b>	Carton box
<b>Packaging quantity</b>	30 Pcs
<b>Packaging EAN code</b>	8015747195577
<b>Sub-packaging length</b>	113,00 mm
<b>Sub-packaging height</b>	36,00 mm
<b>Sub-packaging width</b>	180,00 mm
<b>Sub-packaging weight</b>	0,63 kg
<b>Sub-packaging volume</b>	0,73 dm <sup>3</sup>
<b>Sub-packaging description</b>	Carton tray
<b>Sub-packaging quantity</b>	5 Pcs
<b>Sub-packaging EAN barcode</b>	8015747195584

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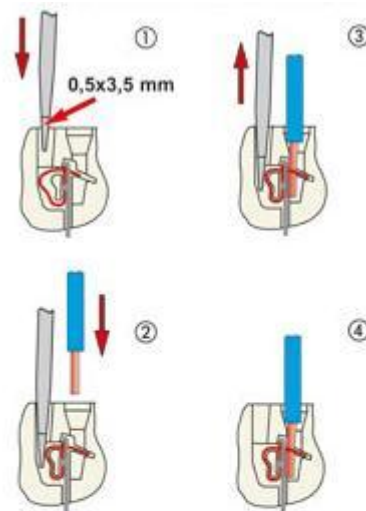
## Catalogue drawings



## Notes

### CDSF/M 42 N inserts

- characteristics according to EN 61984:  
10A 400V 6kV 3
  - insulation resistance: > 10 GOhm
  - ambient temperature limit: -40 °C ... +125 °C
  - made of self-extinguishing thermoplastic resin UL 94 V0
  - mechanical life: > 500 cycles
  - contact resistance: < 1 mOhm
  - inserts for conductors section:  
0.14 - 2.5 mm<sup>2</sup> - AWG 26 - 14
  - for wires with crimped ferrule, usable section:  
up to 1.5 mm<sup>2</sup> (AWG 16)
  - conductors stripping length: 9...11 mm
  - enclosures: size 104.62:
- C-TYPE IP65/IP66  
W-TYPE for aggressive environment



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



Connection with spring terminal

CR CDS coding pin

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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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