

Part number

CDSF 42



Female insert, CDS series, spring terminal connection, 42 poles + PE, 10 A 400 V 6 kV 3, size "104.27"

Product description

Product type	Insert
Series	CDS
Connection type	Spring terminal connection
Gender	Female
N. of poles	42 poles +
Size	Size 104.27
Technical data	
Current	10 A
Voltage	400 V
Rated impulse withstand voltage	6 kV
Pollution degree	3
Rated voltage according to UL/CSA	600 V
Wire cross-section	0,14 mm ² - 2,50 mm ²
AWG size	26 - 14
Contact type	Turned silver plated
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure

Further technical details

Characteristics according to EN 61984	10A 400V 6kV 3; 10A 400/690V 6kV 2
Mating cycles	≥ 500
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Weight	130,70 g
Operating temperature range (min, max)	-40 °C ... +125 °C
Conductors stripping length	9...11 mm
UL 94 flammability rating	V-0
Torque for main contact	M2,5: 0.4 Nm; 3.5 lb.in (0,5 x 3mm)
Tightening torque for PE connection	M4: 1,2 Nm, 10,6 lb.in (Ph2 or 1,0x5,5mm)
Tightening torque for fixing screws	M3: 0.5 Nm; 4.4 lb.in (Ph1 or 0.8x4 mm)

Material properties

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

Approvals / Standards

Reference standard	EN 61984:2009-06
Certifications	CSA, CQC, DNV, BV, EAC
UL	ECBT2
cUL	ECBT8

General ordering information

EAN13 code	8015747148535
ETIM 7.0	EC000438

Packaging Information

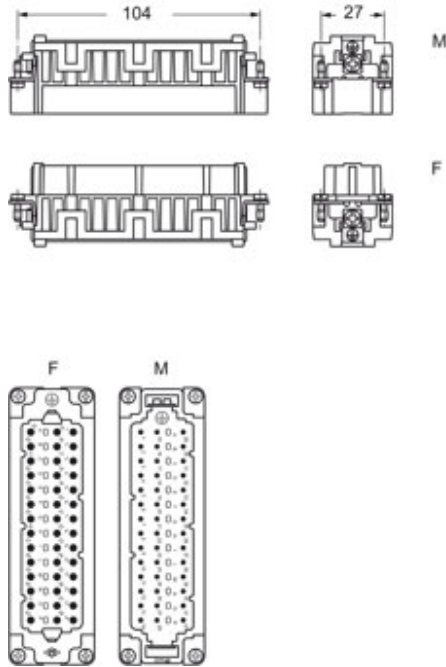
Packaging length	270,00 mm
Packaging height	75,00 mm
Packaging width	180,00 mm
Packaging weight	4,33 kg
Packaging volume	3,65 dm ³
Packaging description	Carton box
Packaging quantity	30 Pcs
Packaging EAN code	8015747152358
Sub-packaging length	113,00 mm
Sub-packaging height	36,00 mm
Sub-packaging width	180,00 mm
Sub-packaging weight	0,72 kg
Sub-packaging volume	0,73 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	5 Pcs
Sub-packaging EAN barcode	8015747152365

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Catalogue drawings



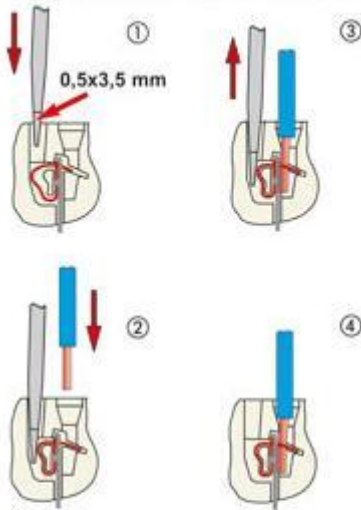
Notes

CDSF/M 42 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 mm² - AWG 26 - 14
 - for wires with crimped ferrule, usable section:
up to 1.5 mm² (AWG 16)
 - conductors stripping length: 9...11 mm
 - enclosures: size 104.27:
- C-TYPE IP65/IP66
C7 IP67 stainless steel lever
V-TYPE IP65/IP66 stainless steel lever
T-TYPE IP65 insulating
JEl zinc-plated steel lever
BIG hoods
W-TYPE for aggressive environment
EMC
central lever
IP68
LS-TYPE
- panel supports: COB

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

Connection with spring terminal



CR CDS coding pin

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.

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