

Part number

CDSF 42



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

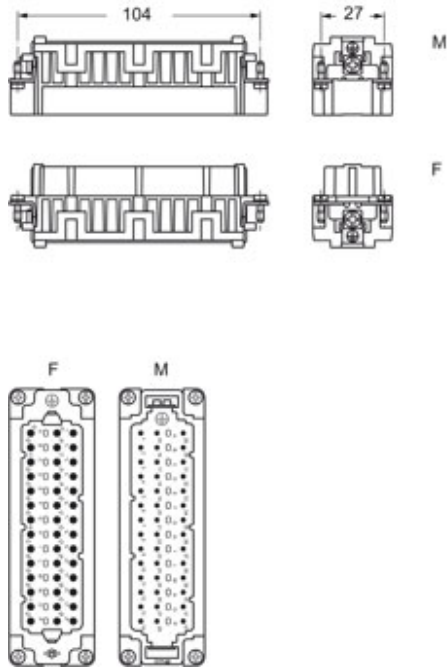
Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CDS	Colour	RAL 7032 grey
Connection type	Spring terminal connection	RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
Gender	Female	China RoHs - EFUP	50
N. of poles	42 poles + 	REACH SVHC substances	Yes
Size	Size "104.27"	Lead	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Technical data		SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Current	10 A	Approvals / Standards	
Voltage	400 V	Reference standard	EN 61984:2009-06
Rated impulse withstand voltage	6 kV	Certifications	CSA, CQC, DNV, BV, EAC
Pollution degree	3	UL	ECBT2
Rated voltage according to UL/CSA	600 V	cUL	ECBT8
Wire cross-section	0,14 mm ² - 2,50 mm ²	General ordering information	
AWG size	26 - 14	EAN13 code	8015747148535
Contact type	Turned silver plated	ETIM 7.0	EC000438
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	Packaging Information	
Further technical details		Packaging length	270,00 mm
Characteristics according to EN 61984	10A 400V 6kV 3; 10A 400/690V 6kV 2	Packaging height	75,00 mm
Mating cycles	≥ 500	Packaging width	180,00 mm
Insulation resistance	≥ 10 GΩ	Packaging weight	4,33 kg
Contact resistance	≤ 3 mΩ	Packaging volume	3,65 dm ³
Weight	130,70 g	Packaging description	Carton box
Operating temperature range (min, max)	-40 °C ... +125 °C	Packaging quantity	30 Pcs
Conductors stripping length	9...11 mm	Packaging EAN code	8015747152358
UL 94 flammability rating	V-0	Sub-packaging length	113,00 mm
Torque for main contact	M2,5: 0.4 Nm; 3.5 lb.in (0,5 x 3mm)	Sub-packaging height	36,00 mm
Tightening torque for PE connection	M4: 1,2 Nm, 10,6 lb.in (Ph2 or 1,0x5,5mm)	Sub-packaging width	180,00 mm
Tightening torque for fixing screws	M3: 0.5 Nm; 4.4 lb.in (Ph1 or 0.8x4 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



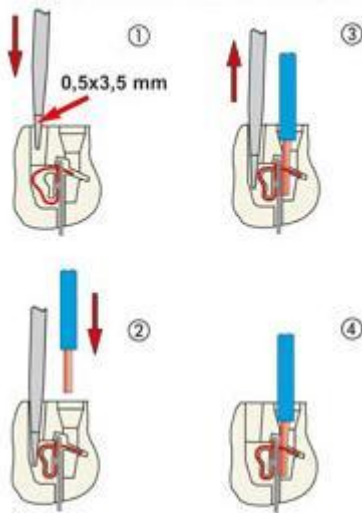
Notes

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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