


Part number

# CDSF 18



Female insert, CDS series, spring terminal connection, 18 poles + PE, 10 A 400 V 6 kV 3, size "57.27"

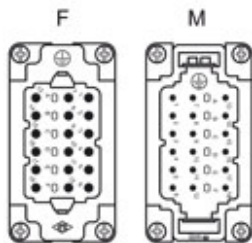
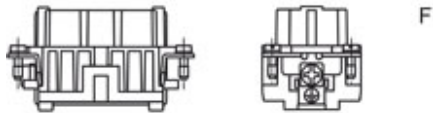
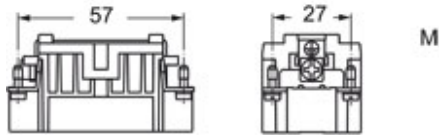
Product description		Material properties	
<b>Product type</b>	Insert	<b>Main material</b>	Polycarbonate (PC)
<b>Series</b>	CDS	<b>Colour</b>	RAL 7032 grey
<b>Connection type</b>	Spring terminal connection		Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>Gender</b>	Female	<b>RoHs conformity</b>	
<b>N. of poles</b>	18 poles + 	<b>China RoHs - EFUP</b>	50
<b>Size</b>	Size 57.27	<b>REACH SVHC substances</b>	Yes Lead
Technical data		<b>SCIP number</b>	1a9c93ff-0445-4a16-81e3-1609ac5274d6
<b>Current</b>	10 A	Approvals / Standards	
<b>Voltage</b>	400 V	<b>Reference standard</b>	EN 61984:2009-06
<b>Rated impulse withstand voltage</b>	6 kV	<b>Certifications</b>	CSA, CQC, DNV, BV, EAC
<b>Pollution degree</b>	3	<b>UL</b>	ECBT2
<b>Rated voltage according to UL/CSA</b>	600 V	<b>cUL</b>	ECBT8
<b>Wire cross-section</b>	0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>	General ordering information	
<b>AWG size</b>	26 - 14	<b>EAN13 code</b>	8015747148559
<b>Contact type</b>	Turned silver plated	<b>ETIM 7.0</b>	EC000438
<b>IP degree of protection</b>	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	Packaging Information	
Further technical details		<b>Packaging length</b>	210,00 mm
<b>Characteristics according to EN 61984</b>	10A 400V 6kV 3; 10A 400/690V 6kV 2	<b>Packaging height</b>	75,00 mm
<b>Mating cycles</b>	≥ 500	<b>Packaging width</b>	180,00 mm
<b>Insulation resistance</b>	≥ 10 GΩ	<b>Packaging weight</b>	2,55 kg
<b>Contact resistance</b>	≤ 3 mΩ	<b>Packaging volume</b>	2,84 dm <sup>3</sup>
<b>Weight</b>	71,00 g	<b>Packaging description</b>	Carton box
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C	<b>Packaging quantity</b>	30 Pcs
<b>Conductors stripping length</b>	9...11 mm	<b>Packaging EAN code</b>	8015747148597
<b>UL 94 flammability rating</b>	V-0	<b>Sub-packaging length</b>	67,00 mm
		<b>Sub-packaging height</b>	36,00 mm
		<b>Sub-packaging width</b>	180,00 mm
		<b>Sub-packaging weight</b>	0,43 kg
		<b>Sub-packaging volume</b>	0,43 dm <sup>3</sup>
		<b>Sub-packaging description</b>	Carton tray
		<b>Sub-packaging quantity</b>	5 Pcs
		<b>Sub-packaging EAN barcode</b>	8015747148603

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## Catalogue drawings



## Notes

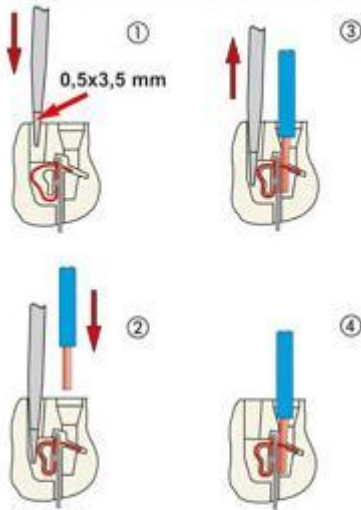
- characteristics according to EN 61984:  
10A 400V 6kV 3
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 1 mOhm
- inserts for conductors section:  
0.14 - 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 57.27:
- 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 for aggressive environment
- EMC
- central lever
- IP68
- LS-TYPE
- panel supports: COB

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

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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](http://www.P65Warnings.ca.gov).

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