


Part number

# CSEF 16



Female insert, CSE series, spring terminal connection, 16 poles + PE, 16 A 500 V 6 kV 3, size "77.27"

Product description		Material properties	
<b>Product type</b>	Insert	<b>Main material</b>	Polycarbonate (PC)
<b>Series</b>	CSE	<b>Colour</b>	RAL 7032 grey
<b>Connection type</b>	Spring terminal connection	<b>RoHs conformity</b>	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>Gender</b>	Female	<b>China RoHs - EFUP</b>	50
<b>N. of poles</b>	16 poles + 	<b>REACH SVHC substances</b>	Yes Lead
<b>Size</b>	Size 77.27	<b>SCIP number</b>	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Technical data		Approvals / Standards	
<b>Current</b>	16 A	<b>Reference standard</b>	EN 61984:2009-06
<b>Voltage</b>	500 V	<b>Certifications</b>	CSA, CQC, DNV, BV, EAC
<b>Rated impulse withstand voltage</b>	6 kV	<b>UL</b>	ECBT2
<b>Pollution degree</b>	3	General ordering information	
<b>Rated voltage according to UL/CSA</b>	600 V	<b>EAN13 code</b>	8015747094450
<b>Wire cross-section</b>	0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>	<b>ETIM 7.0</b>	EC000438
<b>AWG size</b>	26 - 14	Packaging Information	
<b>Contact type</b>	Turned silver plated	<b>Packaging length</b>	230,00 mm
<b>IP degree of protection</b>	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	<b>Packaging height</b>	110,00 mm
Further technical details		<b>Packaging width</b>	180,00 mm
<b>Characteristics according to EN 61984</b>	16A 500V 6kV 3; 16A 400/690V 6kV 2	<b>Packaging weight</b>	3,10 kg
<b>Mating cycles</b>	≥ 500	<b>Packaging volume</b>	4,55 dm <sup>3</sup>
<b>Insulation resistance</b>	≥ 10 GΩ	<b>Packaging description</b>	Carton box
<b>Contact resistance</b>	≤ 3 mΩ	<b>Packaging quantity</b>	30 Pcs
<b>Weight</b>	89,00 g	<b>Packaging EAN code</b>	8015747094467
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C	<b>Sub-packaging length</b>	87,00 mm
<b>Conductors stripping length</b>	9...11 mm	<b>Sub-packaging height</b>	36,00 mm
<b>UL 94 flammability rating</b>	V-0	<b>Sub-packaging width</b>	180,00 mm
		<b>Sub-packaging weight</b>	0,52 kg
		<b>Sub-packaging volume</b>	0,56 dm <sup>3</sup>
		<b>Sub-packaging description</b>	Carton tray
		<b>Sub-packaging quantity</b>	5 Pcs
		<b>Sub-packaging EAN barcode</b>	8015747094474

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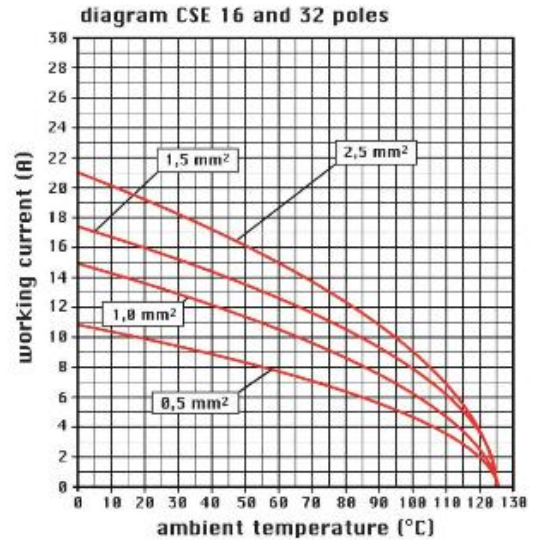
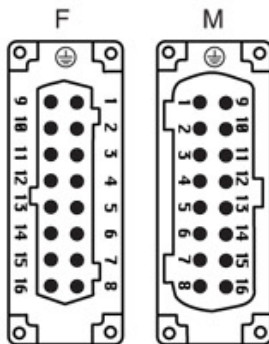
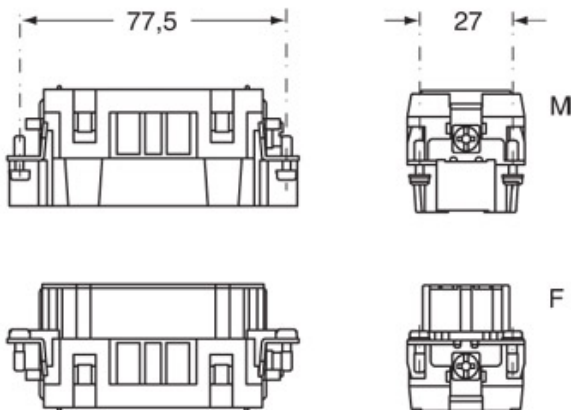
# CSEF 16



Catalogue drawings

Catalogue drawings

## CSEF / CSEM 16



## Notes

CSEF/M 16 inserts:

- characteristics according to EN 61984:  
(16A 500V 6kV 3)  
(16A 400/690V 6kV 2)
- rated voltage according to UL/CSA: 600V
- 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

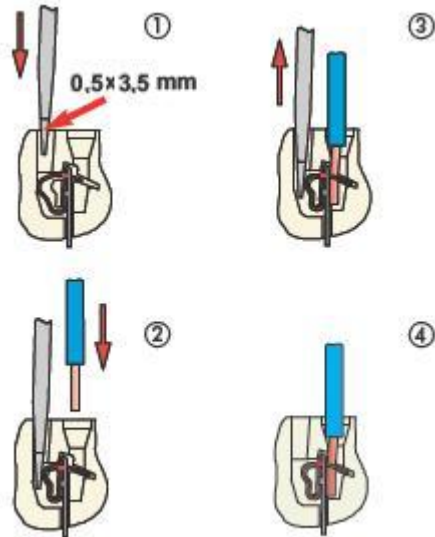
- contact resistance: < 3 mOhm
- enclosures: size "77.27":  
C-TYPE IP65/IP66  
C7 IP67 stainless steel lever  
V-TYPE IP65/IP66  
stainless steel lever  
T-TYPE IP65 insulating  
JEI zinc-plated steel lever  
BIG hoods  
W-YPE aggressive environments

EMC  
central lever  
IP68  
- panel supports:  
COB

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

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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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