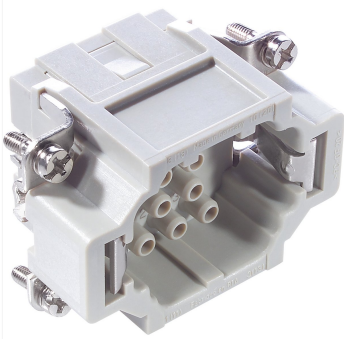
H-EE 10 SCM MALE INSERT

Article No.: 10180400

Crimping insert Pin; Number of contacts: 10+PE; Design size: 6B; 500 V AC rms / DC according to IEC; 16 A according to UL/CSA; For cross-section (min./max.): 0.5mm² - 4mm²; Polycarbonate



Details

Application

- Plant engineering

Notes

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Remarks

Technical Data

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General information

Brand	EPIC®
Product type	Crimping insert
Design size	6B
Contacts included	No
Delivery Unit	10
customs code	8547200000

Electrical parameters

Rated surge voltage	6 kV AC rms / DC according to IEC 61984
Rated voltage	500 V AC rms / DC according to IEC 600 V AC rms / DC according to UL 600 V AC rms / DC according to CSA
Rated current	16 A according to UL/CSA 16 A according to IEC
Overvoltage category	III
Protective conductor integrated into insert	Yes

Product design

Number of contacts	10+PE
Number of power contacts	10
Number of PE contacts	1
Number of signal contacts	0
Contact diameter	0.098 in
Contact variant	Pin
Contact insert type	Plug
With wire protection	No
With protective conductor	Yes
Connector type	Plug
Contact insert without contacts	Yes
EMC shielding	No
Connection type conductor	Crimp termination
PE connection type	Screw connection

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Connectable conductor cross section min. (AWG)	20 AWG
Max. connectable conductor cross-section AWG	12 AWG
Min. connectable conductor cross-section (mm2) (in2)	0.5 mm²
Max. connectable conductor cross-section (mm2) (in2)	4 mm²
Contact insert material	Polycarbonate
Material contact insert shortname	PC
Colour description	gray

Product features

Min. number of insertion cycles	100
Pollution degree	3
Suitable for EX-applications	No
Short-term temperature peaks	125 °C
Operating temperature min.	-40 °C
Operating temperature max.	100 °C
Flame-retardant	Yes
Flame retardance according to	UL 94 V-0
UV-resistant	No
Chemical resistant	No
Acid-resistant	No
Halogenfree	Yes
Minimum torque setting for PE connection	1.2 Nm
Maximum torque setting for PE connection	1.2 Nm
Impact proof	Yes
Vibration protection	Yes

Certifications and standards

CE marking	No
UR recognized	Yes

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UR certification	according to UL 1977 (e-file number: E75770)
UL category control number	ECBT2
cUR recognized	No
CSA certified	No
VDE certified	No
Product standard according to IEC	IEC 61984
TÜV certified	No
Tested for fire protection for railway vehicles	No

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EPIC® H-EE 10

Article No.	Name	Number of contacts	Contact variant	Delivery Unit
10180400	H-EE 10 SCM MALE INSERT	10+PE	Pin	10
10181400	H-EE 10 BCM FEMALE INSERT	10+PE	Socket	10

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V1.1

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