

Connector housing - CP 2,5-4L-Z - 3041943

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Connector housing, Connection method: Plug connection, Number of positions: 4, Cross section: 0.5 mm² - 2.5 mm², AWG: 20 - 14, Width: 5.2 mm, Height: 13 mm, Color: gray, Mounting type: Plug-in mounting

Why buy this product

- ☒ Can be labeled at each terminal point
- ☒ Four feed-through levels
- ☒ Design width of just 5.2 mm

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Weight per Piece (excluding packing)	2.180 g
Custom tariff number	85472000
Country of origin	Germany

Technical data

General

Number of positions	4
Number of levels	1
Number of connections	4
Potentials	4
Nominal cross section	2.5 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	10 A (with a 2.5 mm ² conductor cross section)

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Technical data

General

Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-40 °C ... 160 °C
Maximum load current	10 A (with a 2.5 mm ² conductor cross section)
Nominal current I _N	10 A
Nominal voltage U _N	250 V
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Dimensions

Width	5.2 mm
Length	23.5 mm
Height	13 mm
Drill hole spacing	6.15 mm

Connection data

Connection method	Plug connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	20

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Technical data

Connection data

Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	2.5 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Stripping length	10 mm

Standards and Regulations

Connection in acc. with standard	CUL
	IEC 61984
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27141151
eCl@ss 7.0	27141151
eCl@ss 8.0	27141106
eCl@ss 9.0	27141106

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC001284
ETIM 5.0	EC001284

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402

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Classifications

UNSPSC

UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm²/AWG/kcmil	20-14	20-14
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm²/AWG/kcmil	20-14	20-14
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

EAC EAC-Zulassung

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Connector

Female insert - STG-MTN 0,5-1,0 - 3190438



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 0.5 mm² ... 1.0 mm² conductors

Female insert - STG-MTN 1,5-2,5 - 3190506



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 1.5 mm² ... 2.5 mm² conductors

Cover profile

Cover profile - AP-CP-H METER - 3012315



Cover profile, length: 1 m

End cover

End cover - D-CP-H 2,5-4L - 3012320



End cover, Length: 31.6 mm, Width: 5.2 mm, Color: gray

Flange

Connector housing - CP 2,5-4L-Z - 3041943

Accessories

Flange cover - DFS-CP-H 2,5-4L - 3012317



Self-locking flange cover as a cover profile carrier, for CP-H 2,5-4L, can be adapted on both sides of the plug

Flange cover - DFS-CP 2,5-4L - 3012321



Flange cover, Length: 31.6 mm, Width: 5.2 mm, Height: 26 mm, Color: gray

Partition plate

Spacer plate - DP-CP-H 2,5-4L - 3012319



Spacer plate