

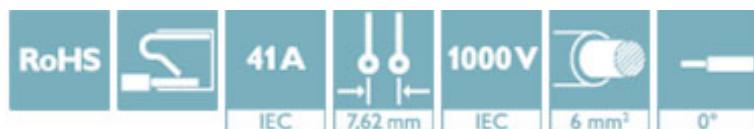
PCB hybrid connector - LPCH 6/ 4+4-STL4-7,62 - 1716987

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Plug component, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 8, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Why buy this product



Key Commercial Data

Packing unit	25 STK
Minimum order quantity	25 STK
GTIN	 4 055626 514925
GTIN	4055626514925
Weight per Piece (excluding packing)	38.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Item properties

Brief article description	PCB hybrid connector
Range of articles	LPCH 6/..-STL
Pitch	7.62 mm
Type of contact	Female connector
Plug-in system	POWER COMBICON 6 Hybrid
Number of positions	8
Connection method	Push-in spring connection
Number of levels	1

Electrical parameters

Rated current	41 A
Rated insulation voltage (III/2)	1000 V

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Technical data

Electrical parameters

Rated surge voltage (III/2)	8 kV
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Power connection capacity

Conductor cross section solid	0.75 mm ² ... 6 mm ²
Conductor cross section flexible	0.75 mm ² ... 6 mm ²
Conductor cross section AWG / kcmil	18 ... 10
Conductor cross section flexible, with ferrule without plastic sleeve	0.75 mm ² ... 6 mm ²
Stripping length	18 mm

Connection capacity signal

Conductor cross section solid	0.2 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross section AWG / kcmil	24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	hot-dip tin-plated
Metal surface terminal point (top layer)	Tin (4 - 8 µm Sn)
Metal surface contact area (top layer)	Tin (4 - 8 µm Sn)

Dimensions for the product

Length [l]	48 mm
Width [w]	47.92 mm
Height [h]	27.5 mm
Pitch	7.62 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	25
Denomination packing units	Pcs.

Mechanical tests according to standard

Test specification	IEC 61984
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Air clearances and creepage distances

Insulating material group	I
Voltage	800 V
Rated insulation voltage (III/3)	800 V
Rated insulation voltage (III/2)	1000 V
Rated insulation voltage (II/2)	1000 V
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV

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Technical data

Air clearances and creepage distances

Rated surge voltage (II/2)	6 kV
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Electrical tests - Function

Specification	IEC 61984
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Temperature cycles

Specification	IEC 61984
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Current carrying capacity / derating curves

Specification	IEC 61984
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Mechanical tests (A)

Test specification	IEC 61984
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Classifications

eCl@ss

eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 5.0	EC002638
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Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

Connector

Ferrule - AI 6 -18 YE - 3200603



Ferrule, sleeve length: 18 mm, length: 26 mm, color: yellow

Crimping tool

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Accessories

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, front and lateral insertion, equipped with fall protection

Stripping tool

Stripping tool - WIREFOX 10 - 1212150



Stripping tool, for cables and conductors from 0.02 - 10 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm² stranded/1.5 mm² solid, replaceable stripping blade

Additional products

Printed-circuit board connector - PCH 6/ 4+4-G1L4-7,62 BK - 1717137



Header, nominal current: 41 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 7.62 mm, color: black, contact surface: Tin