

# CP-H 2,5-4L-PE - Connector housing



3012323

<https://www.phoenixcontact.com/us/products/3012323>

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Connector housing, connection method: Crimp connection, depth: 31.7 mm, width: 5.2 mm, height: 31.6 mm, number of positions: 4, color: gray

## Your advantages

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

## Commercial data

Item number	3012323
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	BE02
Product key	BE2144
Catalog page	Page 294 (C-1-2019)
GTIN	4046356811286
Weight per piece (including packing)	1.99 g
Weight per piece (excluding packing)	1.94 g
Customs tariff number	85389099
Country of origin	PL

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## Technical data

### Product properties

Product type	Plug
Number of positions	4

### Dimensions

Width	5.2 mm
Height	31.6 mm
Depth	31.7 mm

### Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, no longer than 24 h, -60°C to +70°C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

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## Classifications

### ECLASS

ECLASS-11.0	27440202
ECLASS-12.0	27440202
ECLASS-13.0	27440202

### ETIM

ETIM 9.0	EC000437
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

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

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