

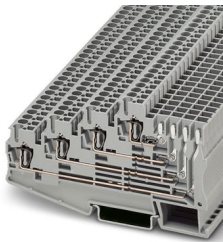
ST 2,5-4L/1P - Multi-level terminal block



3041985

<https://www.phoenixcontact.com/pc/products/3041985>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Multi-level terminal block, nom. voltage: 250 V, nominal current: 10 A, number of connections: 5, connection method: Spring-cage/plug-in connection, Rated cross section: 1.5 mm², cross section: 0.08 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

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

Commercial data

Item number	3041985
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE2141
Catalog page	Page 311 (C-1-2019)
GTIN	4017918975319
Weight per piece (including packing)	20.5 g
Weight per piece (excluding packing)	19.38 g
Customs tariff number	85369010
Country of origin	CN

ST 2,5-4L/1P - Multi-level terminal block



3041985

<https://www.phoenixcontact.com/pc/products/3041985>

Technical data

Notes

General	Current and voltage are determined by the plug used.
---------	--

Product properties

Product type	Plug-in terminal block
Number of connections	5
Number of rows	4
Potentials	4

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	2
Nominal cross section	2.5 mm ²

Level 1+2+3+4 bottom

Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.08 mm ² ... 4 mm ²
Cross section AWG	28 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.08 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	28 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 2.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ²
Nominal current	10 A
Maximum load current	10 A (with a 2.5 mm ² conductor cross section)
Nominal voltage	250 V
Nominal cross section	1.5 mm ²

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Height	101 mm
Depth on NS 35/7,5	59 mm

ST 2,5-4L/1P - Multi-level terminal block



3041985

<https://www.phoenixcontact.com/pc/products/3041985>

Depth on NS 35/15	66.5 mm
-------------------	---------

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
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

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 61984
----------------------------------	-----------

Mounting

Mounting type	NS 35/7,5
	NS 35/15

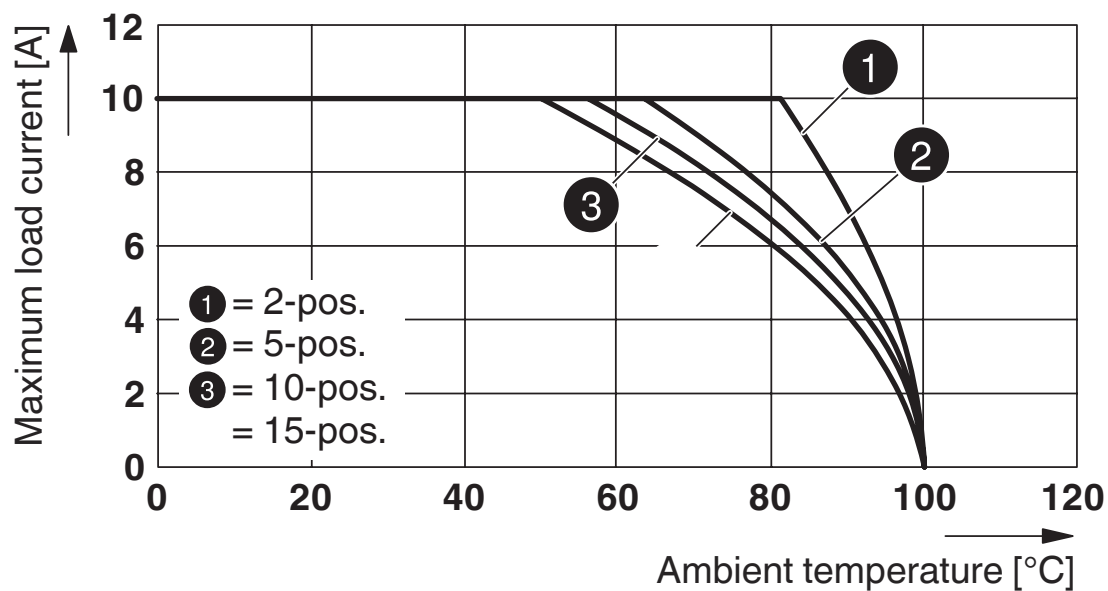
ST 2,5-4L/1P - Multi-level terminal block

3041985

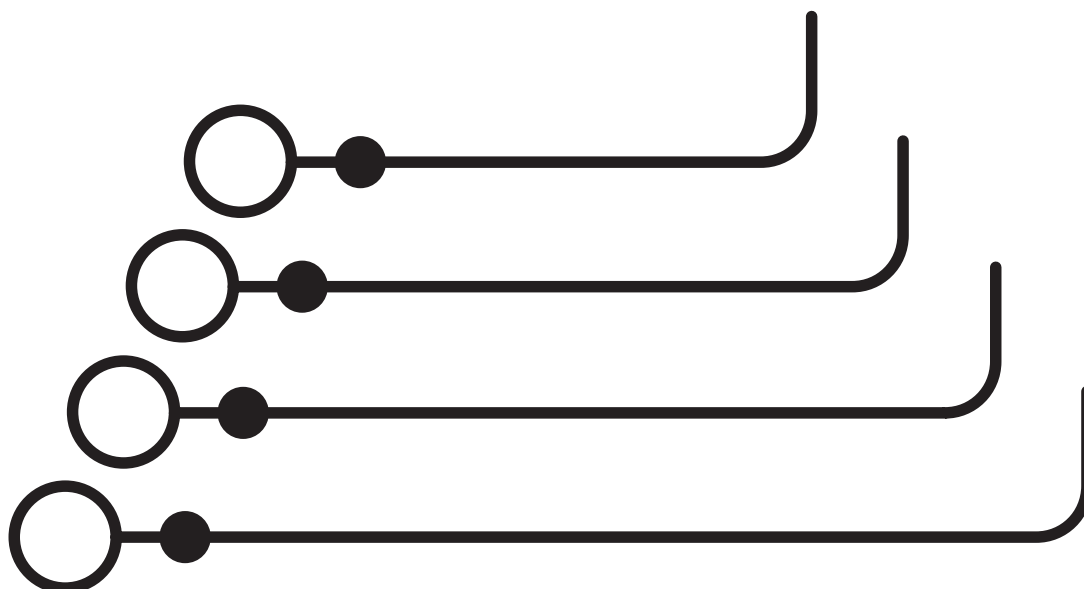
<https://www.phoenixcontact.com/pc/products/3041985>

Drawings

Diagram



Circuit diagram



ST 2,5-4L/1P - Multi-level terminal block



3041985

<https://www.phoenixcontact.com/pc/products/3041985>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3041985>

 CSA Approval ID: 13631				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B				
	300 V	10 A	28 - 12	-

 EAC Approval ID: RU C-DE.BL08.B.00644				
---	--	--	--	--

 cULus Recognized Approval ID: E60425				
--	--	--	--	--

 cULus Recognized Approval ID: E60425				
--	--	--	--	--

ST 2,5-4L/1P - Multi-level terminal block



3041985

<https://www.phoenixcontact.com/pc/products/3041985>

Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250117

ETIM

ETIM 9.0	EC000897
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

ST 2,5-4L/1P - Multi-level terminal block



3041985

<https://www.phoenixcontact.com/pc/products/3041985>

Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com