

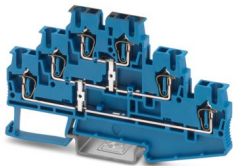
ST 2,5-3PV BU - Multi-level terminal block



1025465

<https://www.phoenixcontact.com/us/products/1025465>

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, with equipotential bonder, nom. voltage: 500 V, nominal current: 20 A, number of connections: 6, connection method: Spring-cage connection, 1st, 2nd and 3rd level, Rated cross section: 2.5 mm², cross section: 0.08 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

Your advantages

- Can be labeled on every level

Commercial data

Item number	1025465
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE02
Product key	BE2115
GTIN	4055626517247
Weight per piece (including packing)	18.744 g
Weight per piece (excluding packing)	18.63 g
Customs tariff number	85369010
Country of origin	PL

ST 2,5-3PV BU - Multi-level terminal block



1025465

<https://www.phoenixcontact.com/us/products/1025465>

Technical data

Product properties

Product type	Multi-level terminal block
Number of connections	6
Number of rows	3
Potentials	1

Data management status

Article revision	03
------------------	----

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 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

1st, 2nd and 3rd level

Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
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	20 A
Maximum load current	28 A (with 4 mm ² conductor cross section)
Nominal voltage	500 V
Nominal cross section	2.5 mm ²

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Height	99.5 mm
Depth on NS 35/7,5	58 mm

ST 2,5-3PV BU - Multi-level terminal block



1025465

<https://www.phoenixcontact.com/us/products/1025465>

Depth on NS 35/15	65.5 mm
-------------------	---------

Material specifications

Color	blue (RAL 5015)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
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 60947-7-1
----------------------------------	---------------

Mounting

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

ST 2,5-3PV BU - Multi-level terminal block

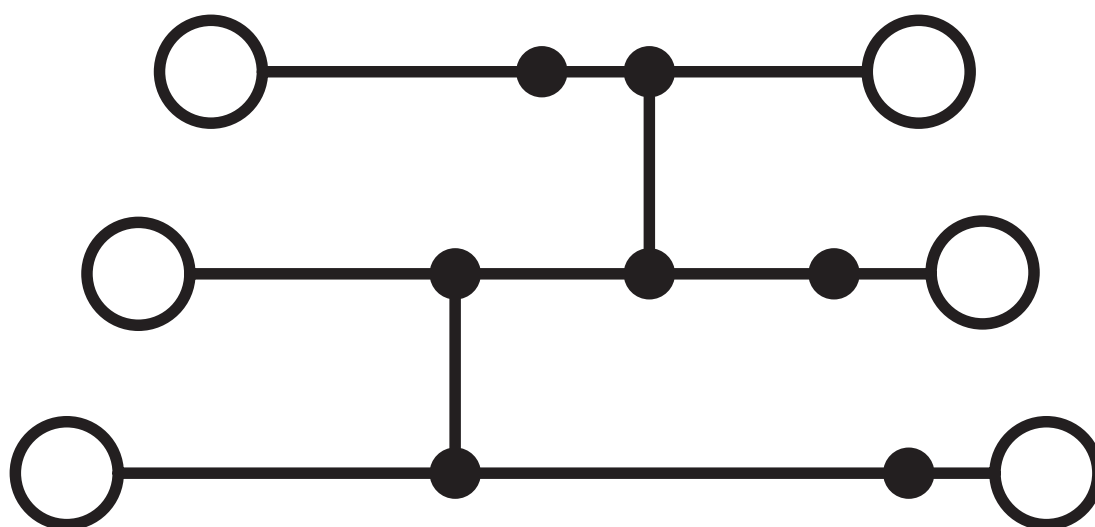
1025465

<https://www.phoenixcontact.com/us/products/1025465>



Drawings

Circuit diagram



ST 2,5-3PV BU - Multi-level terminal block


1025465


<https://www.phoenixcontact.com/us/products/1025465>




Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1025465>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	20 A	28 - 12	-
Use group C				
	300 V	20 A	28 - 12	-

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

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

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

ST 2,5-3PV BU - Multi-level terminal block



1025465

<https://www.phoenixcontact.com/us/products/1025465>

Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250102

ETIM

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

UNSPSC

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

ST 2,5-3PV BU - Multi-level terminal block



1025465

<https://www.phoenixcontact.com/us/products/1025465>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com