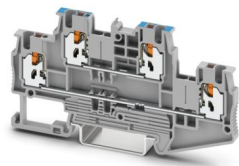


XTTB 1,5-L/N - Double-level terminal block



1641231
<https://www.phoenixcontact.com/in/products/1641231>

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.



Double-level terminal block, nom. voltage: 500 V, nominal current: 16 A, connection method: Push-X-connection, Rated cross section: 1.5 mm², cross section: 0.25 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The compact design and front connection enable wiring in a confined space

Commercial data

Item number	1641231
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	BE2514
GTIN	4067923168909
Weight per piece (including packing)	12.19 g
Weight per piece (excluding packing)	12.19 g
Country of origin	CN

XTTB 1,5-L/N - Double-level terminal block



1641231

<https://www.phoenixcontact.com/in/products/1641231>

Technical data

Product properties

Product type	Multi-level terminal block
Number of positions	2
Number of rows	2
Potentials	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.56 W

Connection data

Nominal cross section	1.5 mm ²
Rated cross section AWG	16
Connection method	Push-X-connection
Stripping length	10 mm ... 12 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.25 mm ² ... 1.5 mm ²
Cross section AWG	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.34 mm ² ... 2.5 mm ²
Conductor cross-section, flexible [AWG]	22 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm ² ... 1.5 mm ² (1.5 mm ² only with rectangular compression in one position)
Flexible conductor cross-section (ferrule with plastic sleeve)	0.34 mm ² ... 1.5 mm ² (1.5 mm ² only with rectangular compression in one position)
Nominal current	16 A
Maximum load current	17.5 A (at 2.5 mm ² conductor cross-section, flexible)
Nominal voltage	500 V
Nominal cross section	1.5 mm ²

Dimensions

Width	4.2 mm
Height	89.54 mm
Depth	46.05 mm
Depth on NS 35/7,5	47.55 mm
Depth on NS 35/15	55.05 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0

XTTB 1,5-L/N - Double-level terminal block



1641231

<https://www.phoenixcontact.com/in/products/1641231>

Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °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
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 ... 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, not exceeding 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

XTTB 1,5-L/N - Double-level terminal block



1641231

<https://www.phoenixcontact.com/in/products/1641231>

Drawings

Circuit diagram



XTTB 1,5-L/N - Double-level terminal block



1641231

<https://www.phoenixcontact.com/in/products/1641231>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1641231>

 CSA Approval ID: 2030668				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	15 A	22 - 14	-
C				
	300 V	15 A	22 - 14	-
D				
	300 V	10 A	22 - 14	-

 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	15 A	22 - 14	-
C				
	300 V	15 A	22 - 14	-
D				
	300 V	10 A	22 - 14	-

XTTB 1,5-L/N - Double-level terminal block



1641231

<https://www.phoenixcontact.com/in/products/1641231>

Classifications

ECLASS

ECLASS-13.0	27250102
ECLASS-15.0	27250102

UNSPSC

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [DIN Rail Terminal Blocks](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[00110420202](#) [00175550302](#) [NFT2-WH](#) [35956](#) [5520682](#) [1-591651-1](#) [592814-1](#) [592814-3](#) [NRA37-12](#) [PLU3-WH](#) [90.001](#) [CTS95/120N](#)
[0363660000](#) [DK 4QV/35](#) [PT 2,5-TG](#) [3210185](#) [CMC2-2/R](#) [5746.2/P](#) [RAU035610015](#) [91.255](#) [CMDDB25/2](#) [1SNK906310R0000](#) [JB6-10](#)
[1SNA179534R2200](#) [1SNA115141R1000](#) [2821630000](#) [CF4U\(L\)/110-240V/BL](#) [81201003](#) [1SNK505214R0000](#) [\(ZS4-D-CH-UD\)](#)
[1SNK505311R0000](#) [\(ZS4-S-T2\)](#) [VG03-0031](#) [1SNK506316R0000](#) [\(ZS6-S-4S-T2\)](#) [1SNK705210R0000](#) [\(ZK2.5-D2\)](#) [1SNL316010R0000](#)
[\(DBL160\)](#) [1SNK506011R0000](#) [\(ZS6-3S\)](#) [81102015](#) [1SNK508418R0000](#) [\(ZS10-SF\)](#) [81002007](#) [1SNK506213R0000](#) [\(ZS4-T3-R1\)](#) [81602015](#)
[81302002](#) [1SNL312530R0000](#) [\(DBL125-3\)](#) [81003005](#) [1SNK708010R0000](#) [\(ZK6\)](#) [1SNK531010R0000](#) [\(ZS150\)](#) [1SNK806713R0000](#) [\(CDK4-](#)
[E\)](#) [1SNK705010R0000](#) [\(ZK2.5\)](#) [81202015](#) [VG03-0054](#) [1SNK705512R0000](#) [\(ZK2.5-L-L-PE\)](#) [1SNK805015R0000](#) [\(ZDK2.5-11\)](#)
[1SNK806010R0000](#) [\(ZDK4-22\)](#) [1SNK505313R0000](#) [\(ZS4-SP\)](#)