

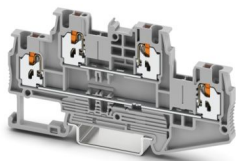
# XTTB 1,5 - Double-level terminal block



1641226

<https://www.phoenixcontact.com/in/products/1641226>

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 mm<sup>2</sup>, cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1641226       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 50 pc         |
| Product key                          | BE2514        |
| GTIN                                 | 4067923168282 |
| Weight per piece (including packing) | 12.44 g       |
| Weight per piece (excluding packing) | 12.44 g       |
| Country of origin                    | CN            |

# XTTB 1,5 - Double-level terminal block



1641226

<https://www.phoenixcontact.com/in/products/1641226>

## Technical data

### Product properties

|                     |                            |
|---------------------|----------------------------|
| Product type        | Multi-level terminal block |
| Product family      | XT                         |
| 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 <sup>2</sup>                                                                                                  |
| 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 <sup>2</sup> ... 1.5 mm <sup>2</sup>                                                                         |
| Cross section AWG                                                 | 24 ... 14 (converted acc. to IEC)                                                                                    |
| Conductor cross-section flexible                                  | 0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>                                                                         |
| Conductor cross-section, flexible [AWG]                           | 22 ... 14 (converted acc. to IEC)                                                                                    |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (1.5 mm <sup>2</sup> only with rectangular compression in one position) |
| Flexible conductor cross-section (ferrule with plastic sleeve)    | 0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (1.5 mm <sup>2</sup> only with rectangular compression in one position) |
| Nominal current                                                   | 16 A                                                                                                                 |
| Maximum load current                                              | 17.5 A (at 2.5 mm <sup>2</sup> conductor cross-section, flexible)                                                    |
| Nominal voltage                                                   | 500 V                                                                                                                |
| Nominal cross section                                             | 1.5 mm <sup>2</sup>                                                                                                  |

### 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) |
|-------|-----------------|

# XTTB 1,5 - Double-level terminal block



1641226

<https://www.phoenixcontact.com/in/products/1641226>

|                                                                  |             |
|------------------------------------------------------------------|-------------|
| Flammability rating according to UL 94                           | V0          |
| 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 - Double-level terminal block



1641226

<https://www.phoenixcontact.com/in/products/1641226>

## Drawings

Circuit diagram



# XTTB 1,5 - Double-level terminal block



1641226

<https://www.phoenixcontact.com/in/products/1641226>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1641226>

|  <b>CSA</b><br>Approval ID: 2030668 |                       |                       |                   |                             |
|----------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                      | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| B                                                                                                                    |                       |                       |                   |                             |
|                                                                                                                      | 300 V                 | 15 A                  | 22 - 14           | -                           |
| C                                                                                                                    |                       |                       |                   |                             |
|                                                                                                                      | 300 V                 | 15 A                  | 22 - 14           | -                           |
| D                                                                                                                    |                       |                       |                   |                             |
|                                                                                                                      | 300 V                 | 10 A                  | 22 - 14           | -                           |

|  <b>cULus Recognized</b><br>Approval ID: E60425 |                       |                       |                   |                             |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| B                                                                                                                                |                       |                       |                   |                             |
|                                                                                                                                  | 300 V                 | 15 A                  | 22 - 14           | -                           |
| C                                                                                                                                |                       |                       |                   |                             |
|                                                                                                                                  | 300 V                 | 15 A                  | 22 - 14           | -                           |
| D                                                                                                                                |                       |                       |                   |                             |
|                                                                                                                                  | 300 V                 | 10 A                  | 22 - 14           | -                           |

# XTTB 1,5 - Double-level terminal block



1641226

<https://www.phoenixcontact.com/in/products/1641226>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27250102 |
| ECLASS-15.0 | 27250102 |

### UNSPSC

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

# XTTB 1,5 - Double-level terminal block



1641226

<https://www.phoenixcontact.com/in/products/1641226>

## 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 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.  
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420  
[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)