

# ST-B250C1500 - Component connector



2802345

<https://www.phoenixcontact.com/us/products/2802345>

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.



Component plug, with bridge rectifier B 250 C 1500, for 4-pos. components, reverse voltage: 600 V, nominal voltage: 250 V, nominal current: 1.5 A, two basic terminal blocks are required per plug, height: 19 mm, color: gray

## Commercial data

Item number	2802345
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	BE19
Product key	BE1Z3X
GTIN	4017918074432
Weight per piece (including packing)	13.564 g
Weight per piece (excluding packing)	13.564 g
Customs tariff number	85366990
Country of origin	PL

# ST-B250C1500 - Component connector



2802345

<https://www.phoenixcontact.com/us/products/2802345>

## Technical data

### Product properties

Product type	Component plug terminal block
Pitch	12 mm

### Connection data

Connection method	Plug-in connection
-------------------	--------------------

### Dimensions

Width	12 mm
Height	42 mm
Depth	41.6 mm
Length	42 mm
Pitch	12 mm

### Material specifications

Color	gray (RAL 7042)
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 ... 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 %

# ST-B250C1500 - Component connector



2802345

<https://www.phoenixcontact.com/us/products/2802345>

## Mounting

Mounting type	Plug-in mounting
---------------	------------------

# ST-B250C1500 - Component connector



2802345

<https://www.phoenixcontact.com/us/products/2802345>

## Classifications

### ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

### ETIM

ETIM 10.0	EC002018
-----------	----------

### UNSPSC

UNSPSC 21.0	39121600
-------------	----------

# ST-B250C1500 - Component connector



2802345

<https://www.phoenixcontact.com/us/products/2802345>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	9db08fc2-b012-416c-806f-d7b600bb328e

### EF3.1 Climate Change

CO2e kg	0.225 kg CO2e
---------	---------------

Phoenix Contact 2026 © - 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](mailto:info@phoenixcon.com)