

ST-BE - Component connector



2802316

<https://www.phoenixcontact.com/us/products/2802316>

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 connector, to connect 2-pos. components to the basic terminal block, to be secured with screw-type clamping units, 19 mm high, max. 16 A

Commercial data

Item number	2802316
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE19
Product key	BE1Z3X
Catalog page	Page 508 (C-1-2019)
GTIN	4017918074401
Weight per piece (including packing)	6.34 g
Weight per piece (excluding packing)	6.3 g
Customs tariff number	85366990
Country of origin	PL

ST-BE - Component connector

2802316

<https://www.phoenixcontact.com/us/products/2802316>



Technical data

Product properties

Product type	Component plug terminal block
Pitch	6 mm

Insulation characteristics

Overvoltage category	III
----------------------	-----

Electrical properties

Rated surge voltage	4 kV
---------------------	------

Connection data

Nominal cross section	2.5 mm ²
Conductor cross section rigid	2.5 mm ²
Nominal current	16 A
Maximum load current	16 A
Nominal voltage	250 V

Dimensions

Height	42 mm
Depth	19 mm
Length	42 mm
Pitch	6 mm

Material specifications

Color	gray (RAL 7042)
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

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.)
---------------------------------	--

ST-BE - Component connector



2802316

<https://www.phoenixcontact.com/us/products/2802316>

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 %

Mounting

Mounting type	Pluggable (slot)
---------------	------------------

ST-BE - Component connector



2802316

<https://www.phoenixcontact.com/us/products/2802316>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2802316>

 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	10 A	30 - 14	-
Use group C				
	300 V	10 A	30 - 14	-

ST-BE - Component connector

2802316

<https://www.phoenixcontact.com/us/products/2802316>



Classifications

ECLASS

ECLASS-11.0	27141149
ECLASS-12.0	27141149
ECLASS-13.0	27250305

ETIM

ETIM 9.0	EC002018
----------	----------

UNSPSC

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

ST-BE - Component connector



2802316

<https://www.phoenixcontact.com/us/products/2802316>

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