

ST-BE - Component connector



2802316

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

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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	1 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

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Technical data

Product properties

Product type	Component plug terminal block
Pitch	6 mm

Insulation characteristics

Overvoltage category	III
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Electrical properties

Rated surge voltage	4 kV
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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

Dimensions

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

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
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

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Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Mounting

Mounting type	Pluggable (slot)
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Approvals

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

**EAC**
Approval ID: RU C-DE.AI30.B.01102

**EAC**
Approval ID: RU C-DE.BL08.B.00511

 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	-

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002018
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UNSPSC

UNSPSC 21.0	39121600
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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