ST-BE - Component connector

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	10 pc
Minimum order quantity	10 pc
Sales key	BE19
Product key	BE1Z3X
GTIN	4017918074401
Weight per piece (including packing)	6.36 g
Weight per piece (excluding packing)	6.3 g
Customs tariff number	85366990
Country of origin	PL

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 mm²
Connection method	Plug-in connection
Conductor cross-section rigid	2.5 mm²
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.)
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)

Approvals

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cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	10 A	30 - 14	-
C				
	300 V	10 A	30 - 14	-

Classifications

ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

ETIM

ETIM 10.0	EC002018

UNSPSC

UNSPSC 21.0	39121600

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%

EF3.1 Climate Change

CO2e kg	0.037 kg CO2e

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