Feed-through terminal block - ST 10 BU - 3036123

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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 57 A, connection method: Spring-cage connection, number of connections: 2, cross section: 0.2 mm² - 16 mm², AWG: 24 - 6, width: 10.2 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

Your advantages

- The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- The double bridge shaft not only enables individual chain bridging, but also reducing bridging to spring-cage terminal blocks with smaller cross sections
- Tested for railway applications

Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 017918 819071
GTIN	4017918819071
Weight per Piece (excluding packing)	23.700 g
Custom tariff number	85369000
Country of origin	Poland
Sales Key	BE2111

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	10 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0

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Technical data

General

Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.82 W
Maximum load current	65 A (with 16 mm² conductor cross section)
Nominal current I_N	57 A
Nominal voltage U_N	1000 V
Open side panel	Yes
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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

Dimensions

Width	10.2 mm
End cover width	2.2 mm
Length	71.5 mm
Height NS 35/7,5	50.3 mm
Height NS 35/15	57.8 mm

Connection data

Connection	1 level
Connection method	Spring-cage connection
Stripping length	18 mm

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Connection data

Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	6
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	10 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	1.5 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	6
Conductor cross section flexible min.	1.5 mm²
Conductor cross section flexible max.	10 mm²
Internal cylindrical gage	A6

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
	IEC/EN 60079-7
Flammability rating according to UL 94	V0

Environmental Product Compliance

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