

Feed-through terminal block - QTC 1,5-QUATTRO BU - 3205080

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Feed-through terminal block, Connection method: Quick connection, Cross section: 0.25 mm² - 1.5 mm², AWG: 24 - 16, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/7,5

Product Features

- Compact design
- Tested for railway applications



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	15.108 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	4
Nominal cross section	1.5 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Rated surge voltage	8 kV

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Technical data

General

Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (actuation)	-10 °C ... 90 °C
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	17.5 A (In case of a 1.5 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal current I _N	17.5 A (with 1.5 mm ² conductor cross section)
Nominal voltage U _N	800 V
Open side panel	Yes

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Length	94 mm
Height NS 35/7,5	39.3 mm
Height NS 35/15	46.8 mm

Connection data

Connection method	Quick connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.25 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm ²
Conductor cross section flexible max.	1.5 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	16
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.25 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm ²
Conductor cross section flexible max.	1.5 mm ²
Material wire insulation	PVC / PE
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.1-5

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Technical data

Connection data

Max. wire diameter incl. insulation	3 mm
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Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27141130
eCl@ss 4.1	27141130
eCl@ss 5.0	27141130
eCl@ss 5.1	27141130
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

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CSA / UL Recognized / cUL Recognized / LR / GL / BV / DNV / ABS / KR / NK / EAC / cULus Recognized

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Approvals


Ex Approvals


IECEX / ATEX / EAC Ex

Approvals submitted

Approval details

CSA 		
	B	C
mm ² /AWG/kcmil	24-16	24-16
Nominal current I _N	10 A	10 A
Nominal voltage U _N	600 V	600 V

UL Recognized 		
	B	C
mm ² /AWG/kcmil	24-16	24-16
Nominal current I _N	10 A	10 A
Nominal voltage U _N	600 V	600 V

cUL Recognized 		
	B	C
mm ² /AWG/kcmil	24-16	24-16
Nominal current I _N	10 A	10 A
Nominal voltage U _N	600 V	600 V

LR

GL

BV

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Approvals


DNV

ABS

KR

NK

EAC

cULus Recognized  US

Drawings

Circuit diagram

