Feed-through terminal block - QTCU 1,5 BU - 3050028

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Feed-through terminal block, Connection type: Quick connection, Screw connection, Cross section: 0.25 mm² - 1.5 mm², AWG :24- 16, Width: 5.2 mm, Color: blue, Mounting: NS 35/7,5, NS 35/15

Product Features

- The hybrid versions combine the advantages of the different connection technologies
- The time-saving QUICKON fast connection is used on the control cabinet side
- The screw connection is used on the connection side

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	9.2 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	1.5 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III

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Technical data

General

Insulating material group	I
Ambient temperature (actuation)	-10 °C ... 90 °C
Connection method	Quick connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Nominal current I_N	17.5 A
Nominal voltage U_N	800 V
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Nominal current I_N	17.5 A
Nominal voltage U_N	800 V
Open side panel	Yes

Dimensions

Width	5.2 mm
Length	58.8 mm
Height NS 35/7,5	42.8 mm
Height NS 35/15	50.3 mm
End cover width	2.2 mm

Connection data

Connection method	Quick connection
Connection in acc. with standard	IEC 60947-7-1
Max. wire diameter incl. insulation	3 mm
Conductor cross section solid min.	0.25 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm²
Conductor cross section flexible max.	1.5 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	16
Conductor cross section flexible min. after 10 connections with the max. solid conductor	0.25 mm²
Conductor cross section flexible max. after 10 connections with the max. solid conductor	1.5 mm²
Conductor cross section solid min. after 10 connections with the max. solid conductor	0.25 mm²

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Connection data

Conductor cross section solid max. after 10 connections with the max. solid conductor	1.5 mm²
AWG min. after 10 connections with the max. rigid conductor	24
AWG max. after 10 connections with the max. rigid conductor	16
Cross section sensor cables, min.	0.25 mm²
Cross section sensor cables, max.	0.34 mm²
Nominal current I_N	17.5 A
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Nominal voltage U_N	800 V
Connection in acc. with standard	IEC/EN 60079-7
Test certificate name	KEMA 04ATEX2226 U
Maximum load current	16.5 A
Nominal voltage U_N	550 V
Material wire insulation	PVC / PE
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm
Stripping length	9 mm
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²

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Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Nominal current I_N	17.5 A
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Nominal voltage U_N	800 V

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
	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

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Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GL / EAC / cULus Recognized

Ex Approvals

IECEx / ATEX / EAC Ex

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	600 V	600 V

UL Recognized

	B	C
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	600 V	600 V

cUL Recognized

	B	C
mm²/AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	600 V	600 V

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Approvals

GL

EAC

cULus Recognized

Drawings

Circuit diagram