

Feed-through terminal block - QTCU 2,5 BU - 3206542

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Feed-through terminal block, Connection type: Quick connection, Screw connection, Cross section: 0.5 mm² - 2.5 mm², AWG :20- 14, Width: 6.2 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

package_quantity	50
GTIN	4046356057721

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	24 A (with 2.5 mm² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	24 A
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	6.2 mm
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Technical data

Dimensions

Length	62.6 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
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	14
Material wire insulation	PVC / PE

Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Stripping length	9 mm
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Value	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Value	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Value	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
Value	4 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
Value	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Value	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
Value	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Value	2.5 mm ²

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

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

IECEX / ATEX / CSA / UL Recognized / cUL Recognized / GOST / GL / DNV / GOST / cULus Recognized /

Approval details

IECEX

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approvals

Nominal voltage UN	550 V
Nominal current IN	22 A
mm²/AWG/kcmil	0.14-6

ATEX 	
Nominal voltage UN	550 V
Nominal current IN	22 A
mm²/AWG/kcmil	0.14-6

CSA 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	20-14	20-14

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	20-14	20-14

cUL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	20-14	20-14

GOST 	
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GL

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approvals

DNV



cULus Recognized  US

accessories

End cover

D-QTCU 2,5 - 3206597



DP PS-6 - 3036738



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Partition plate

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accessories

ATP-QTC - 3206209



Documentation

QTC-IL - 3039926



Bridge

FBS 2-6 - 3030336



FBS 3-6 - 3030242



FBS 4-6 - 3030255



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accessories

FBS 5-6 - 3030349



FBS 10-6 - 3030271



FBS 20-6 - 3030365



FBS 50-6 - 3032224



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



Feed-through terminal block - QTCU 2,5 BU - 3206542

accessories

NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



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accessories

NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



Feed-through terminal block - QTCU 2,5 BU - 3206542

accessories

NS 35/15-2,3 UNPERF 2000MM - 1201798



Terminal marking

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



ZBF 6:UNBEDRUCKT - 0808710



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accessories

UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



Feed-through terminal block - QTCU 2,5 BU - 3206542

accessories

ZBF 6 CUS - 0825027



UC-TMF 6 CUS - 0824646



UCT-TMF 6 CUS - 0829665



Test plug terminal block

PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



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accessories

PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



PAI-4-FIX-5/6 VT - 3035979



Feed-through terminal block - QTCU 2,5 BU - 3206542

accessories

PAI-4-FIX-5/6 BN - 3035981



PS-6 - 3030996



PS-6/2,3MM RD - 3038736



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



Feed-through terminal block - QTCU 2,5 BU - 3206542

accessories

E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Drawings

Circuit diagram



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