Double-level terminal block - QTTCB 1,5/ 2P-PV - 3206377

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Double-level terminal block, Cross section: 0.25 mm² - 1.5 mm², AWG: 24 - 16, Connection type: Fast/plug-in connection, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

- Ground terminal blocks of the same shape are available
- Tested for railway applications

Key commercial data

package_quantity	50
GTIN	4017918976002

Technical data

General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering

General

Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I_N	17.5 A
Nominal voltage U_N	500 V
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 kV

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Technical data

General

Result of power-frequency withstand voltage test	Test passed
Setpoint	1 N
Result of tight fit test	Test passed
Conductor cross section short circuit testing	1.5 mm²
Short-time current	0.18 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f_1 = 5 Hz to f_2 = 150 Hz
ASD level	0.02 g²/Hz
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Semi-sinusoidal
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	120 °C

Dimensions

Width	5.2 mm
Length	87.8 mm
Height NS 35/7,5	49.9 mm
Height NS 35/15	57.4 mm

Connection data

Note	When reconnecting the conductor, you must make sure that the section of the conductor already used for contacting is cut off again.
Conductor cross section solid min.	0.25 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.25 mm²
Conductor cross section stranded max.	1.5 mm²
Min. AWG conductor cross section, stranded	24

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Technical data

Connection data

Max. AWG conductor cross section, stranded	16
Connection method	Fast/plug-in connection
Internal cylindrical gage	A3
Material wire insulation	PVC / PE

classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
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

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

Approval details

CSA

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

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approvals

UL Recognized

Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	10 A	10 A	5 A	10 A
mm²/AWG/kcmil	24-16	24-16	24-16	24-16

cUL Recognized

Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	10 A	10 A	5 A	10 A
mm²/AWG/kcmil	24-16	24-16	24-16	24-16

GOST

cULus Recognized

accessories

End cover

D-QTTCB 1,5/2P - 3206306



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accessories

DP PS-5 - 3036725



Test plug terminal block

PS-4/E - 3036709



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



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



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



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accessories

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



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



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accessories

PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Partition plate

ATP-QTTCB - 3206238



Coding element

PC - 3040588



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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accessories

Flange

QTTCB 1,5/ 2P-F - 3061185



Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



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accessories

FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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accessories

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



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



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accessories

NS 35/ 7,5 CAP - 1206560



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



Labeled terminal marker

ZB 5 CUS - 0824962



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accessories

UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



Drawings

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