

Protective conductor double-level terminal block - QTTCB 1,5-PE - 3205132

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Protective conductor double-level terminal block, connection method: Quick connection, cross section: 0.25 mm² - 1.5 mm², AWG: 24 - 16, width: 5.2 mm, color: green-yellow, mounting type: NS 35/7,5, NS 35/15

Why buy this product

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



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 932510
GTIN	4017918932510

Technical data

General

Number of levels	2
Number of connections	4
Nominal cross section	1.5 mm ²
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry Machine building Plant engineering Process industry
Rated surge voltage	6 kV
Degree of pollution	3

Protective conductor double-level terminal block - QTTCB 1,5-PE - 3205132

Technical data

General

Overvoltage category	III
Insulating material group	I
Ambient temperature (actuation)	-10 °C ... 90 °C
Open side panel	Yes
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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	5.2 mm
End cover width	2.2 mm
Length	99.6 mm
Height NS 35/7,5	49.9 mm
Height NS 35/15	57.4 mm

Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Connection method	Quick connection
Connection in acc. with standard	IEC 60947-7-2
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

Protective conductor double-level terminal block - QTTCB 1,5-PE - 3205132

Technical data

Connection data

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

Standards and Regulations

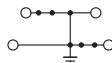
Connection in acc. with standard	CSA
	IEC 60947-7-2
Flammability rating according to UL 94	V0
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3

Environmental Product Compliance

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

Drawings

Circuit diagram



Approvals

Approvals

Approvals

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

Ex Approvals

IECEX / ATEX / EAC Ex

Approval details

Protective conductor double-level terminal block - QTTCB 1,5-PE - 3205132

Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
mm ² /AWG/kcmil		24-16	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
mm ² /AWG/kcmil		24-16	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
mm ² /AWG/kcmil		24-16	

LR		http://www.lr.org/en	05/20042
----	--	---	----------

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	13637/B0 BV
----	--	---	-------------

ABS		http://www.eagle.org/eagleExternalPortalWEB/	16-HG1589079-PDA
-----	--	---	------------------

KR		http://www.krs.co.kr/eng/main/main.aspx	NAJ25486-EL003
----	--	---	----------------

DNV GL		http://exchange.dnv.com/tari/	TAE000014H
--------	--	---	------------

NK		http://www.classnk.or.jp/hp/en/	09 ME 139
----	--	---	-----------

Protective conductor double-level terminal block - QTTCB 1,5-PE - 3205132

Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>