

## Double-level terminal block - QTTCB 1,5 OG - 3205117

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Double-level terminal block, connection method: Quick connection, cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, width: 5.2 mm, color: orange, mounting type: NS 35/7,5, NS 35/15

### Your advantages

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



### Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 055626 387338
GTIN	4055626387338

### Technical data

#### General

Number of levels	2
Number of connections	4
Potentials	2
Nominal cross section	1.5 mm <sup>2</sup>
Color	orange
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

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## Technical data

### General

Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.56 W (the value is multiplied when connecting multiple levels)
Ambient temperature (actuation)	-10 °C ... 90 °C
Designation	Level 1+2 above 1 below 1
Maximum load current	17.5 A (with 1.5 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	17.5 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	Yes

### 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

Connection	1st and 2nd level
Connection method	Quick connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.25 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.25 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
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	IEC 60947-7-1
Flammability rating according to UL 94	V0

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## Technical data

### 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 / BV / LR / KR / NK / ABS / UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

IECEX / ATEX / EAC Ex

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	10 A	10 A	5 A

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### Approvals

	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	24-16

BV		<a href="http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials">http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials</a>	13637/B0 BV
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LR		<a href="http://www.lr.org/en">http://www.lr.org/en</a>	05/20042
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KR		<a href="http://www.krs.co.kr/eng/main/main.aspx">http://www.krs.co.kr/eng/main/main.aspx</a>	NAJ25486-EL003
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NK		<a href="http://www.classnk.or.jp/hp/en/">http://www.classnk.or.jp/hp/en/</a>	09 ME 139
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ABS	<a href="http://www.eagle.org/eagleExternalPortalWEB/">http://www.eagle.org/eagleExternalPortalWEB/</a>		16-HG1589079-PDA
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UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
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	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	10 A	10 A	5 A
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	24-16

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
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cULus Recognized			
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