

Ground modular terminal block - QTC 1,5-QUATTRO-PE - 3205093

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Ground modular 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 35/7,5

Product Features

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met
- Tested for railway applications



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	17.74 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
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

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Technical data

General

	Plant engineering
	Process industry
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (actuation)	-10 °C ... 90 °C
Connection in acc. with standard	IEC 60947-7-2
Open side panel	Yes
Shock protection test specification	IEC 60529:2001-02
Back of the hand protection	Not guaranteed
Finger protection	Not guaranteed
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	120 °C
Static insulating material application in cold	-40 °C

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Length	94 mm
Height NS 35/7,5	39.3 mm
Height NS 35/15	46.8 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
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

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Technical data

Connection data

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
Max. wire diameter incl. insulation	3 mm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-2
Flammability rating according to UL 94	V0

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	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141
eCl@ss 9.0	27141141

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

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

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

Ex Approvals

IECEEx / ATEX / EAC Ex

Approvals submitted

Approval details

CSA 	
mm²/AWG/kcmil	24-16

UL Recognized 	
mm²/AWG/kcmil	24-16

cUL Recognized 	
mm²/AWG/kcmil	24-16

LR

GL

BV

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Approvals

DNV
ABS
KR
NK
NK
EAC
EAC
cULus Recognized  US

Drawings

Circuit diagram

