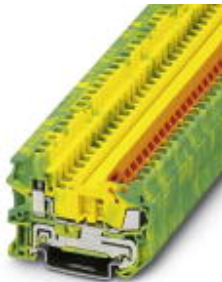


Ground modular terminal block - QTCU 1,5-PE - 3050031

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Ground modular terminal block, Connection type: Quick connection, Screw connection, Cross section: 0.25 mm² - 1.5 mm², AWG :24- 16, Width: 5.2 mm, Color: green-yellow, Mounting: NS 35/7,5, NS 35/15

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



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	11.97 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	1.5 mm ²
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III

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Technical data

General

Insulating material group	I
Ambient temperature (actuation)	-10 °C ... 90 °C
Connection method	Quick connection
Connection in acc. with standard	IEC 60947-7-2
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-2
Open side panel	Yes
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
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
Length	58.8 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
Connection in acc. with standard	IEC 60947-7-2
Note	Please observe the current carrying capacity of the DIN rails.
Max. wire diameter incl. insulation	3 mm
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
Conductor cross section flexible min. after 10 connections with the max. solid conductor	0.25 mm ²
Conductor cross section flexible max. after 10 connections with the max. solid conductor	1.5 mm ²
Conductor cross section solid min. after 10 connections with the max. solid conductor	0.25 mm ²
Conductor cross section solid max. after 10 connections with the max. solid conductor	1.5 mm ²

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Technical data

Connection data

AWG min. after 10 connections with the max. rigid conductor	24
AWG max. after 10 connections with the max. rigid conductor	16
Cross section sensor cables, min.	0.25 mm²
Cross section sensor cables, max.	0.34 mm²
Connection in acc. with standard	IEC/EN 60079-7
Test certificate name	KEMA 04ATEX2226 U
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Material wire insulation	PVC / PE

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-2
	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

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Classifications

UNSPSC

UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GL / CSA / EAC / cULus Recognized

Ex Approvals

IECEX / ATEX / EAC Ex

Approvals submitted

Approval details

UL Recognized 		
	B	C
mm²/AWG/kcmil	24-16	24-16

cUL Recognized 		
	B	C
mm²/AWG/kcmil	24-16	24-16

GL

CSA 	
mm²/AWG/kcmil	24-16

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Approvals

EAC

cULus Recognized  US

Drawings

Circuit diagram

