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Installation level terminal block - PTI 2,5-L/TG - 3213961

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Installation level terminal block, Push-in connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

- The terminal blocks with knife disconnect zone in the upper level meet the safety requirement regarding individual circuit isolation of DIN VDE 0100-718

Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 609531

Technical data

General

Number of levels	3
Number of connections	4
Nominal cross section	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	30 A (with 4 mm² conductor cross section and 3-pos. terminal block)
	16 A (disconnect level 16 A. The current is determined by the component used.)
Rated surge voltage	4 kV
	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	30 A (with 4 mm² conductor cross section and 3-pos. terminal block)
Nominal current I_N	24 A (with 4 mm² conductor cross section)
Nominal voltage U_N	400 V (phase conductor/phase conductor)
	250 V (phase conductor/PE)
	phase conductor/N
Maximum load current	16 A (with 4 mm² conductor cross section)

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Technical data

General

Nominal current I_N	16 A
Nominal voltage U_N	250 V
Open side panel	Yes

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Length	101 mm
Height NS 35/7,5	50.5 mm
Height NS 35/15	58 mm

Connection data

Connection method	Push-in connection
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	4 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Connection method	Push-in connection
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	4 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²

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Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Stripping length	8 mm ... 10 mm

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141125

ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC001329

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / IECEE CB Scheme / GL / LR / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Installation level terminal block - PTI 2,5-L/TG - 3213961

Approvals

Approval details

UL Recognized

	B	C	D
mm²/AWG/kcmil	26-12	26-12	26-12
Nominal current IN	20 A	20 A	10 A
Nominal voltage UN	300 V	150 V	300 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	26-12	26-12	26-12
Nominal current IN	20 A	20 A	10 A
Nominal voltage UN	300 V	150 V	300 V

VDE Zeichengenehmigung

mm²/AWG/kcmil	0.2-4
Nominal voltage UN	400 V

IECEE CB Scheme

mm²/AWG/kcmil	0.2-4
Nominal voltage UN	400 V

GL

LR

EAC

cULus Recognized

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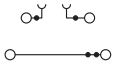
Drawings

Circuit diagram



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