

Potential distributors - PTU 16/14X2,5 BU - 3214014

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Potential distributors, Connection method: Push-in connection, Cross section: 1 mm² - 2.5 mm², AWG: 18 - 14, Width: 17.5 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15



Product Features

- The terminal block base is ideal for use in building installation and machine building applications
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	41.0 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	15
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	2
Overvoltage category	III
Insulating material group	I

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Technical data

General

Connection method	Push-in connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Maximum load current	25 A (The sum of the individual currents may not exceed the max. value of 80 A)
Nominal current I_N	25 A (The sum of the individual currents may not exceed the max. value of 80 A)
Nominal voltage U_N	1000 V
Connection method	Screw connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Maximum load current	80 A (with 25 mm ² conductor cross section)
Nominal current I_N	80 A (with 16 mm ² conductor cross section)
Nominal voltage U_N	1000 V
Open side panel	Yes

Dimensions

Width	17.5 mm
Length	89.5 mm
Height NS 35/7,5	36 mm
Height NS 35/15	43.5 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Nominal current I_N	25 A (The sum of the individual currents may not exceed the max. value of 80 A)
Maximum load current	25 A (The sum of the individual currents may not exceed the max. value of 80 A)
Nominal voltage U_N	1000 V
Internal cylindrical gage	A3
Connection method	Screw connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1

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Connection data

Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	3 Nm
Stripping length	12 mm
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	4
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	16 mm ²
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
Nominal current I _N	80 A (with 16 mm ² conductor cross section)
Maximum load current	80 A (with 25 mm ² conductor cross section)
Nominal voltage U _N	1000 V

Standards and Regulations

Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
	VDE 0609, Part 1/EN 60999-1
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 4.0	27141127
eCl@ss 4.1	27141127
eCl@ss 5.0	27141127
eCl@ss 5.1	27141111
eCl@ss 6.0	27141148
eCl@ss 7.0	27141148
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121410
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

EAC

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Approvals

EAC

Drawings

Circuit diagram

