

## Potential distributors - PTU 16/14X2,5 GY - 3214016

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Potential distributors, Connection method: Push-in connection, Cross section: 1 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG: 18 - 14, Width: 17.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15



### Why buy this product

- 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	10 STK
GTIN	 4 046356 701723

### Technical data

#### General

Number of levels	1
Number of connections	15
Color	gray
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
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 <sub>N</sub>	25 A (The sum of the individual currents may not exceed the max. value of 80 A)
Nominal voltage U <sub>N</sub>	1000 V
Connection method	Screw connection

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## Technical data

### General

Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Maximum load current	80 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	80 A (with 16 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Nominal current I <sub>N</sub>	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 <sub>N</sub>	1000 V
Internal cylindrical gage	A3
Connection method	Screw connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	3 Nm
Stripping length	12 mm
	8 mm ... 10 mm
Conductor cross section solid min.	1.5 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section AWG min.	16
Conductor cross section AWG max.	4
Conductor cross section flexible min.	1 mm <sup>2</sup>
Conductor cross section flexible max.	16 mm <sup>2</sup>

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### Technical data

#### Connection data

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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	1 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, solid min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
Nominal current I <sub>N</sub>	80 A (with 16 mm <sup>2</sup> conductor cross section)
Maximum load current	80 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	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

### 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

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

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Approvals

EAC / EAC

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Ex Approvals

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Approvals submitted

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### Approval details

EAC

EAC

## Drawings

### Circuit diagram

