Potential collective terminal - PTU 16/14X2,5 GY - 3214016

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Potential collective terminal, nom. voltage: 1000 V, nominal current: 25 A, connection method: Push-in connection, Screw connection, number of connections: 15, cross section:1 mm² - 2.5 mm², 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

RoHS

Key Commercial Data

Packing unit	10 STK
GTIN	4 046356 701723
GTIN	4046356701723

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
Maximum power dissipation for nominal condition	2.43 W (the value is multiplied when connecting multiple levels)
Connection method	Push-in connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1

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Technical data

General

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 mm² conductor cross section)
Nominal current I_N	80 A (with 16 mm² conductor cross section)
Nominal voltage U_N	1000 V
Open side panel	No

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 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
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
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	25 mm²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	4
Conductor cross section flexible min.	1 mm²
Conductor cross section flexible max.	16 mm²

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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 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm²
2 conductors with same cross section, solid min.	1.5 mm²
2 conductors with same cross section, solid max.	10 mm²
2 conductors with same cross section, stranded min.	1.5 mm²
2 conductors with same cross section, stranded max.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²

Standards and Regulations

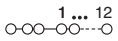
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
	VDE 0609, Part 1/EN 60999-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



Approvals

Approvals

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EAC

Ex Approvals

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Approvals

Approval details

EAC	EAC	EAC-Zulassung

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