

Feed-through terminal block - PTU 4 WH - 3211865

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Feed-through terminal block, connection method: Push-in connection, Screw connection, cross section: 0.2 mm² - 6 mm², AWG: 24 - 12, width: 6.2 mm, color: white, mounting: NS 35/7,5, NS 35/15


The figure shows the product in gray

Your advantages

- ✓ 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
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ The push-in connection is used inside the control cabinet and the universal screw connection is used on the end customer side



Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 055626 349749
GTIN	4055626349749
Weight per Piece (excluding packing)	10.770 g
Custom tariff number	85369010
Country of origin	Poland
Sales Key	BE2219

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm ²
Color	white
Insulating material	PA

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Technical data

General

Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W
Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	38 A (The maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal current I_N	32 A
Nominal voltage U_N	800 V
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	38 A (with 6 mm ² conductor connection)
Nominal current I_N	32 A
Nominal voltage U_N	800 V
Open side panel	Yes

Dimensions

Width	6.2 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	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Stripping length	10 mm ... 12 mm
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²

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Connection data

Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	1 mm ²
Connection cross sections directly pluggable	0.5 mm ² 6 mm ²
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Internal cylindrical gage	A4
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	6 mm ²
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 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.14 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm ²

Ambient conditions

<https://www.phoenixcontact.com/gb/products/3211865>



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Ambient conditions

Operating temperature	-60 °C ... 105 °C (max. short-term operating temperature 130°C)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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