

Panel feed-through terminal block - PLW 16-6/ 5-10 - 1821083

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Panel feed-through terminal block, connection method: Push-lock spring connection, Push-in connection, number of positions: 5, load current: 41 A, cross section: 2.5 mm² - 16 mm², AWG 14 - 4, connection direction of the conductor to plug-in direction: 0 °, width: 74.4 mm, color: gray

Your advantages

- ✓ Tool-free lever principle enables time-saving connection and release of conductors with/without ferrules
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Time-saving push-in connection when lever is closed
- ✓ Quick, tool-free mounting on the housing wall using a fixing wedge



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	15 pc
GTIN	 4 046356788212
GTIN	4046356788212
Weight per Piece (excluding packing)	125.330 g
Custom tariff number	85369010
Country of origin	Slovakia

Technical data

General

Number of levels	1
Number of connections	10
Nominal cross section	16 mm ²
Color	gray
Insulating material	PA

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Technical data

General

Flammability rating according to UL 94	V0
Maximum load current	41 A
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-40 °C (Depending on the current carrying capacity/derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 105 °C
Ambient temperature (actuation)	-5 °C ... 105 °C
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	41 A
Maximum load current	41 A
Nominal voltage U_N	1000 V
Open side panel	No
Number of positions	5

Dimensions

Width	74.4 mm
Pitch	10 mm
Plate thickness	19.26 mm

Connection data

Connection side	outside
Connection method	Push-lock spring connection
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	2.5 mm ²
Conductor cross section flexible max.	25 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	2.5 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.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
Stripping length	18 mm
Connection side	inside
Connection method	Push-in connection
Conductor cross section flexible min.	1.5 mm ²

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Technical data

Connection data

Conductor cross section flexible max.	6 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
Stripping length	15 mm

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
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

Classifications

eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141111
eCl@ss 5.0	27141134
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134
eCl@ss 9.0	27141134

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283
ETIM 6.0	EC001283
ETIM 7.0	EC001283

UNSPSC

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

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Classifications

UNSPSC

UNSPSC 13.2	39121410
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Approvals

Approvals

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EAC / cULus Recognized

Ex Approvals

Approval details

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20150120
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Nominal voltage UN	600 V
Nominal current IN	40 A
mm ² /AWG/kcmil	16-6

Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

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Accessories

Crimping pliers - CRIMPFOX 25R - 1212039



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 10 mm² ... 25 mm², lateral entry, WM crimp

Spacer plate - DP-PLW 16-6/5 3MM - 1705939



Spacer plate for PLW 16-6/5 feed-through terminal block
