# Panel feed-through terminal block - PLW 16-6/ 3-10 - 1821067

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Panel feed-through terminal block, connection method: Push-lock spring connection, Push-in connection, number of positions: 3, 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: 54.4 mm, color: gray

## Why buy this product

- 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 | 15 STK |
| GTIN | 4 046356 788199 |
| GTIN | 4046356788199 |

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 6 |
| Nominal cross section | 16 mm² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Maximum load current | 41 A |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$ | 41 A |

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## Technical data

### General

| | |
|---|---|
| Maximum load current | 41 A |
| Nominal voltage $U_N$ | 1000 V |
| Open side panel | No |
| Number of positions | 3 |

### Dimensions

| | |
|---|---|
| Width | 54.4 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 mm² |
| Conductor cross section solid max. | 16 mm² |
| Conductor cross section flexible min. | 2.5 mm² |
| Conductor cross section flexible max. | 25 mm² |
| Conductor cross section AWG min. | 14 |
| Conductor cross section AWG max. | 4 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 2.5 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 16 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 2.5 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 16 mm² |
| Stripping length | 18 mm |
| Connection side | inside |
| Connection method | Push-in connection |
| Conductor cross section flexible min. | 1.5 mm² |
| Conductor cross section flexible max. | 6 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 1.5 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 6 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 1.5 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 6 mm² |
| Stripping length | 15 mm |

### Standards and Regulations

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

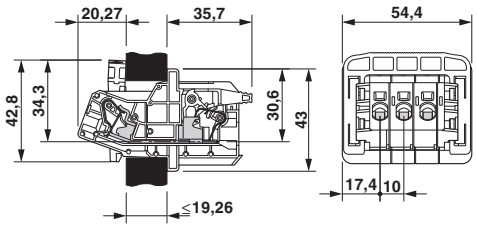
### Environmental Product Compliance

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

## Drawings

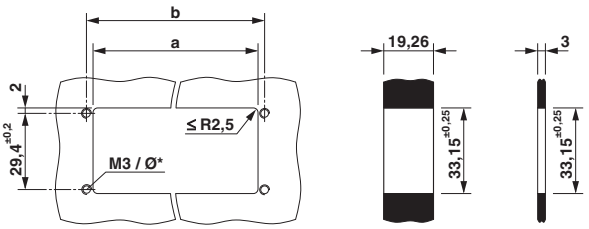
# Panel feed-through terminal block - PLW 16-6/ 3-10 - 1821067

Dimensional drawing




Dimension 54.4 mm for 3-pos. version;
4-pos.: 64.4 mm
5-pos.: 74.4 mm

Dimensional drawing




Dimension a = 43.9 mm ±0.25
Dimension b = 49 mm ±0.2

## Approvals

### Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

### Approval details

| | | | |
|---|---|---|---|
| cULus Recognized | c UL us | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20150120 |

| | |
|---|---|
| mm²/AWG/kcmil | 16-6 |
| Nominal current IN | 40 A |
| Nominal voltage UN | 600 V |

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## Approvals

| | | |
|---|---|---|
| EAC | EAC | B.01742 |



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