

## PCB terminal block - PLH 16/ 3-15 MIX GN/BK - 1825128

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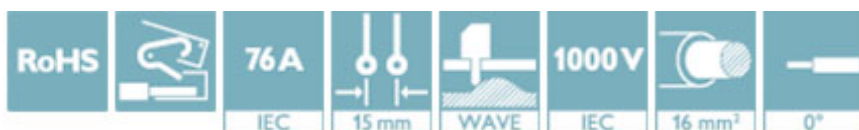


PCB terminal block, nominal current: 76 A, nom. voltage: 1000 V, pitch: 15 mm, number of positions: 3, connection method: Push-lock spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: multi-color

The figure shows a 5-pos. version of the product

### 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 and convenient testing using integrated test option



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 25 pc         |
| GTIN         |               |
| GTIN         | 4046356803052 |

### Technical data

#### Dimensions

|                |         |
|----------------|---------|
| Length [ l ]   | 30.5 mm |
| Pitch          | 15 mm   |
| Dimension a    | 30 mm   |
| Width [ w ]    | 41.4 mm |
| Height         | 33.5 mm |
| Height [ h ]   | 29 mm   |
| Solder pin [P] | 4.5 mm  |
| Pin spacing    | 12.5 mm |
| Hole diameter  | 1.6 mm  |

#### General

|                   |         |
|-------------------|---------|
| Range of articles | PLH 16/ |
|-------------------|---------|

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## Technical data

### General

|                                |                    |
|--------------------------------|--------------------|
| Rated surge voltage (III/3)    | 8 kV               |
| Rated surge voltage (III/2)    | 8 kV               |
| Rated surge voltage (II/2)     | 8 kV               |
| Rated voltage (III/3)          | 1000 V             |
| Rated voltage (III/2)          | 1000 V             |
| Rated voltage (II/2)           | 1000 V             |
| Nominal current I <sub>N</sub> | 76 A               |
| Nominal cross section          | 16 mm <sup>2</sup> |
| Insulating material            | PA                 |
| Stripping length               | 18 mm              |
| Number of positions            | 3                  |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section AWG min.                                                        | 18                   |
| Conductor cross section AWG max.                                                        | 4                    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm <sup>2</sup>    |

### Environmental Product Compliance

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

## Approvals

### Approvals

#### Approvals

UL Recognized / IECCE CB Scheme / VDE Zeichengenehmigung / EAC

#### Ex Approvals

### Approval details

|                                |                                                                                     |                                                                                                                                                       |                 |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| UL Recognized                  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-20110524 |
|                                | B                                                                                   | C                                                                                                                                                     |                 |
| Nominal voltage U <sub>N</sub> | 600 V                                                                               | 600 V                                                                                                                                                 |                 |
| Nominal current I <sub>N</sub> | 66 A                                                                                | 66 A                                                                                                                                                  |                 |

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### Approvals

|               |      |      |
|---------------|------|------|
|               | B    | C    |
| mm²/AWG/kcmil | 18-4 | 18-4 |

|                    |                                                                                   |                                                           |           |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58718 |
| Nominal voltage UN | 1000 V                                                                            |                                                           |           |
| Nominal current IN | 76 A                                                                              |                                                           |           |
| mm²/AWG/kcmil      | 0.75-16                                                                           |                                                           |           |

|                        |                                                                                   |                                                                                                                                                                                                           |          |
|------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Zeichengenehmigung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40041250 |
| Nominal voltage UN     | 1000 V                                                                            |                                                                                                                                                                                                           |          |
| Nominal current IN     | 76 A                                                                              |                                                                                                                                                                                                           |          |
| mm²/AWG/kcmil          | 0.75-16                                                                           |                                                                                                                                                                                                           |          |

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

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PHOENIX CONTACT GmbH & Co. KG  
 Flachsmarktstr. 8  
 32825 Blomberg  
 Germany  
 Tel. +49 5235 300  
 Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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