

## DTI 4

This product has been replaced by a newer version.


Order No.: 3034840



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3034840>

Installation feed-through modular terminal block, blue, Leg spring connection, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/15, NS 35/7.5

### Commercial data

|                          |  |
|--------------------------|--|
| GTIN (EAN)               |  |
| Note                     | Made-to-order  |
| sales group              | A620   |
| Pack                     | 50 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 203 (CL-2009)   |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2005



<http://www.download.phoenixcontact.com>  
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### Technical data

#### General

|                       |      |
|-----------------------|------|
| Number of levels      | 1    |
| Number of connections | 2    |
| Color                 | gray |

|                                    |    |
|------------------------------------|----|
| Insulating material                | PA |
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 66 mm   |
| Height NS 35/7.5 | 43 mm   |
| Height NS 35/15  | 50.5 mm |

**Technical data**

|   |   |
|---|---|
| Maximum load current                            | 32 A (with 6 mm <sup>2</sup> conductor cross section) |
| Current carrying capacity of the neutral busbar | 140 A   |
| Rated surge voltage                             | 6 kV  |
| Pollution degree                                | 3   |
| Surge voltage category                          | III   |
| Insulating material group                       | I   |
| Connection in acc. with standard                | IEC 60947-7-1   |
| Nominal current I <sub>N</sub>                  | 32 A  |
| Nominal voltage U <sub>N</sub>                  | 800 V   |

**Connection data**

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 6 mm <sup>2</sup>    |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 24                   |
| Conductor cross section AWG/kcmil max   | 10                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |

|                           |                       |
|---------------------------|-----------------------|
| Connection method         | Leg spring connection |
| Stripping length          | 10 mm                 |
| Internal cylindrical gage | A4                    |

### Accessories

| Item            | Designation           | Description   |
|-----------------|-----------------------|---|
| <b>Assembly</b> |                       |   |
| 3030828         | AB-ST1                | Support, Length: 67 mm, Width: 2 mm, Height: 43 mm, Color: blue |
| 3034895         | D-DTI 4               | Cover, Length: 66 mm, Width: 2.2 mm, Height: 43 mm, Color: gray |
| 0402174         | NLS-CU 3/10 SN 1000MM | PEN conductor busbar, 3mm x 10 mm, length: 1000 mm              |

### Bridges

|         |          |   |
|---------|----------|---|
| 3030336 | FBS 2-6  | Plug-in bridge, Number of positions: 2, Color: red  |
| 3030242 | FBS 3-6  | Plug-in bridge, Number of positions: 3, Color: red  |
| 3030255 | FBS 4-6  | Plug-in bridge, Number of positions: 4, Color: red  |
| 3030349 | FBS 5-6  | Plug-in bridge, Number of positions: 5, Color: red  |
| 3030271 | FBS 10-6 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030365 | FBS 20-6 | Plug-in bridge, Number of positions: 20, Color: red |
| 3032224 | FBS 50-6 | Plug-in bridge, Number of positions: 50, Color: red |

### Marking

|         |                  |   |
|---------|------------------|---|
| 3030954 | WST 4            | Warning cover, 5-pos., for terminal width: 6.2 mm   |
| 0811228 | X-PEN 0,35       | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm                       |
| 1051003 | ZB 6:UNBEDRUCKT  | Zack strip, unprinted, strips with 10 labels for individual labeling with M-PEN or CMS system, for terminal block width: 6.2 mm, color: white |
| 0808710 | ZBF 6:UNBEDRUCKT | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white        |

### Plug/Adapter

|         |           |                                 |
|---------|-----------|---------------------------------|
| 3002885 | ISH 4/0,5 | Insulating sleeve, Color: gray  |
| 3002898 | ISH 4/1,0 | Insulating sleeve, Color: black |
| 0201689 | MPS-IH BU | Insulating sleeve, Color: blue  |
| 0201676 | MPS-IH RD | Insulating sleeve, Color: red   |
| 0201663 | MPS-IH WH | Insulating sleeve, Color: white |
| 0201744 | MPS-MT    | Test plugs                      |
| 3030925 | PAI-4     | Test adapter, Color: gray       |

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|         |      |                          |
|---------|------|--------------------------|
| 3030996 | PS-6 | Test adapter, Color: red |
|---------|------|--------------------------|

**Tools**

|         |               |   |
|---------|---------------|---|
| 1204517 | SZF 1-0,6X3,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|---------------|---|

**Diagrams/Drawings**

Circuit diagram



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