

## Technical data

|               |   |
|---------------|---|
| Description:  | Power distribution block UVB 100 (Al/Cu)              |
| Construction: | all-side fingersafe IP 20, modular system, bridgeable |
| Item no. :    | 080010-x-3  |

01.02.2018

Remarks: The product is compliant with the EC ROHS directives

Standards: VDE Certification as per DIN EN 60998-2-1



Nominal Voltage: 1.000 V AC

Nominal current: Cu 101 A, Al 100 A

Rated cross-section: 25 mm<sup>2</sup>

Terminal cross section:

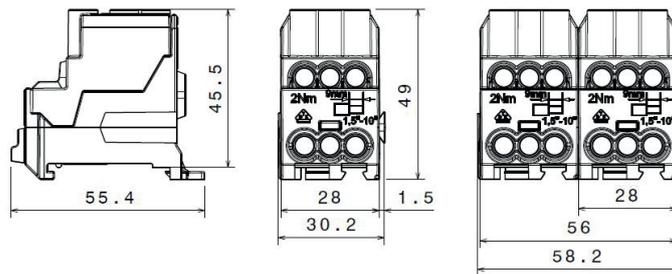
|                              | IEC 60998-2-1   |   | IEC 61238-1   |
|------------------------------|---|---|---|
|                              | Cu  |   | Al  |
|                              |  |  |  |
| <b>2 x 25 mm<sup>2</sup></b> | (all conductor types)   |   |   |
| 25 mm <sup>2</sup>           | 3 Nm  | -   | 4 Nm  |
| 16 mm <sup>2</sup>           |   | 3 Nm  |   |
| 10 mm <sup>2</sup>           |   |   |   |
| 6 mm <sup>2</sup>            |   |   |   |
| 4 mm <sup>2</sup>            |   |   |   |
| 2,5 mm <sup>2</sup>          | -   | -   | -   |
| 1,5 mm <sup>2</sup>          | -   | -   | -   |
| stripping length             | 17 mm   |   |   |
| screw                        | 2 x M6 +/- PZ2  |   |   |
| <b>6 x 10 mm<sup>2</sup></b> | (all conductor types)   |   |   |
| 10 mm <sup>2</sup>           | 2 Nm  | -   | -   |
| 6 mm <sup>2</sup>            |   |   |   |
| 4 mm <sup>2</sup>            |   |   |   |
| 2,5 mm <sup>2</sup>          |   |   |   |
| 1,5 mm <sup>2</sup>          |   |   |   |
| stripping length             | 9 mm  |   |   |
| screw                        | M5 +/- PZ2  |   |   |

 compact stranded  fine stranded with ferrule

Materials: Terminal body: brass (CuZn39Pb2) 3-4µm Ni / 7-10µm Sn  
Housing: PA 6 (Halogen-free)  
Screws: Steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 30,2 x 49 x 55,4



### Design

Basic housing colour – light grey RAL 7035

| Part no.   | Design | Cover colour          | PU   | GTIN (EAN)    |
|------------|--------|-----------------------|------|---------------|
| 080010-0-3 | L "G"  | light grey RAL 7035   | 3/54 | 4051589001038 |
| 080010-1-3 | N      | light blue RAL 5012   | 3/54 | 4051589001137 |
| 080010-2-3 | PE     | yellow-green RAL 6018 | 3/54 | 4051589001236 |
| 080010-3-3 | L "B"  | clay brown RAL 8003   | 3/54 | 4051589001335 |
| 080010-4-3 | L "S"  | jet black RAL 9005    | 3/54 | 4051589001434 |

## Technical data

|               |   |
|---------------|---|
| Description:  | Power distribution block UVB 100 (Cu)                 |
| Construction: | all-side fingersafe IP 20, modular system, bridgeable |
| Item no. :    | 080010-x-4  |

01.02.2018

Remarks: The product is compliant with the EC ROHS directives

Standards: IEC 60998-2-1



Nominal Voltage: 1.000 V AC

Nominal current: Cu 101 A

Rated cross-section: 25 mm<sup>2</sup>

Terminal cross section:

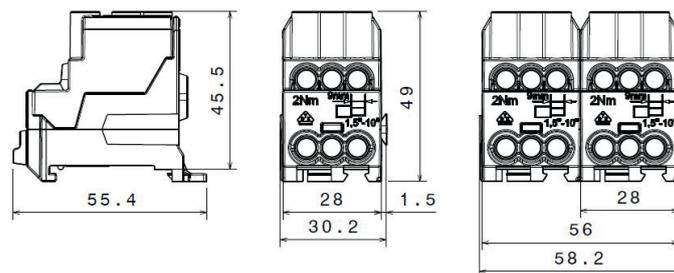
| IEC 60998-2-1                |   |
|------------------------------|---|
| Cu                           |   |
|                              |   |
| <b>2 x 25 mm<sup>2</sup></b> | (all conductor types)   |
| 25 mm <sup>2</sup>           | -   |
| 16 mm <sup>2</sup>           | -   |
| 10 mm <sup>2</sup>           | 3 Nm  |
| 6 mm <sup>2</sup>            | 3 Nm  |
| 4 mm <sup>2</sup>            | 3 Nm  |
| 2,5 mm <sup>2</sup>          | -   |
| 1,5 mm <sup>2</sup>          | -   |
| stripping length             | 17 mm   |
| screw                        | 2 x M6 +/- PZ2  |
| <b>6 x 10 mm<sup>2</sup></b> | (all conductor types)   |
| 10 mm <sup>2</sup>           | -   |
| 6 mm <sup>2</sup>            | -   |
| 4 mm <sup>2</sup>            | 2 Nm  |
| 2,5 mm <sup>2</sup>          | 2 Nm  |
| 1,5 mm <sup>2</sup>          | 2 Nm  |
| stripping length             | 9 mm  |
| screw                        | M5 +/- PZ2  |

 compact stranded  fine stranded with ferrule

Materials: Terminal body: brass (CuZn39Pb2) bright  
 Housing: PA 6 (Halogen-free)  
 Screws: Steel Zn thick-film passivated

Flame resistance: Self-extinguishing

Mechanical data: Dimensions: width x height x depth (mm): 30,2 x 49 x 55,4



### Design

Basic housing colour – light grey RAL 7035

| Part no.   | Design | Cover colour          | PU   | GTIN (EAN)    |
|------------|--------|-----------------------|------|---------------|
| 080010-0-4 | L "G"  | light grey RAL 7035   | 3/54 | 4051589800105 |
| 080010-1-4 | N      | light blue RAL 5012   | 3/54 | 4051589800112 |
| 080010-2-4 | PE     | yellow-green RAL 6018 | 3/54 | 4051589800129 |
| 080010-3-4 | L "B"  | clay brown RAL 8003   | 3/54 | 4051589800136 |
| 080010-4-4 | L "S"  | jet black RAL 9005    | 3/54 | 4051589800143 |

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