

BD2A-1-800-WO-2W2,10-WKA OPTIONAL LENGTH 2,10M  
800 A 0,5PE,  
WITHOUT TAP OFFS

### General technical details:

|                                                                        |    |                                              |
|------------------------------------------------------------------------|----|----------------------------------------------|
| <b>Product designation</b>                                             |    | trunking unit for BD2 busbar trunking system |
| <b>Product-type designation</b>                                        |    | BD2A-1-800-WO-2W2,10-WKA                     |
| <b>Operating current</b>                                               |    |                                              |
| • for circuit 1 / at 50 Hz / for AC / rated value / maximum            | A  | 800                                          |
| • for circuit 1 / at 60 Hz / for AC / rated value / maximum            | A  | 800                                          |
| <b>Resistance against the impulse current / at 690 V / rated value</b> | kA | 84                                           |
| <b>Short-time current resistance (I<sub>cw</sub>) / at 690 V</b>       |    |                                              |
| • limited to 1 s / rated value                                         | kA | 32                                           |
| • limited to 0.1 s / rated value                                       | kA | 40                                           |
| <b>Operating frequency / rated value</b>                               |    |                                              |
| • minimum                                                              | Hz | 50                                           |
| • maximum                                                              | Hz | 60                                           |
| <b>Operating voltage</b>                                               |    |                                              |
| • at 50 Hz / at AC / rated value / maximum                             | V  | 690                                          |
| • at 60 Hz / at AC / rated value / maximum                             | V  | 690                                          |
| <b>Insulation voltage</b>                                              |    |                                              |
| • for AC / rated value                                                 | V  | 690                                          |
| • for DC / rated value                                                 | V  | 800                                          |
| <b>Number of conductors</b>                                            |    | 5                                            |
| • without PE                                                           |    | 4                                            |
| <b>Product component / fire sealing</b>                                |    | No                                           |

### Mechanical design:

|                                               |                 |                |
|-----------------------------------------------|-----------------|----------------|
| <b>Conductor cross section / of the (PE)N</b> | mm <sup>2</sup> | 446            |
| <b>Mounting type</b>                          |                 | ceiling / wall |
| <b>Width</b>                                  | mm              | 167            |
| <b>Height</b>                                 | mm              | 126            |
| <b>Color</b>                                  |                 | light grey     |

### Busbar:

|                                     |  |               |
|-------------------------------------|--|---------------|
| <b>Configuration of the busbars</b> |  | L1,L2,L3,1/2N |
| <b>Material / of the busbar</b>     |  | aluminium     |

**Busway section:**

|                                        |   |                                                |
|----------------------------------------|---|------------------------------------------------|
| Length / of the busbar box             | m | 2.1                                            |
| mounting position / of the busbar box  |   | horizontal edgewise, horizontal flat, vertical |
| Number of circuits / in one busbar box |   | 1                                              |

**Outgoing openings:**

|                                         |   |
|-----------------------------------------|---|
| Number of the outgoing points / maximum | 0 |
|-----------------------------------------|---|

**Ambient conditions:**

|                     |      |
|---------------------|------|
| Protection class IP | IP52 |
|---------------------|------|

**Further information:****Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Global Industry Mall (Online ordering system)**

<http://www.siemens.com/lowvoltage/mall>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/BVP:661181/all>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=BVP:661181](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:661181)

last change:

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