

BD2A-1-800-WO-3W2,62-WKA OPTIONAL LENGTH  
2,62M 800 A 0,5PE, WITHOUT TAP OFFS

| Model  |    |  |
|--|----|--|
| Product designation  |    | trunking unit for BD2 busbar trunking system |
| Product type designation   |    | BD2A-1-800-WO-3W2,62-WKA                     |
| General technical data   |    |  |
| Configuration of the busbars   |    | L1,L2,L3,1/2N                                |
| Voltage  |    |  |
| <b>Insulation voltage</b>  |    |  |
| <ul style="list-style-type: none"> <li>with AC / Rated value</li> </ul>                                      | V  | 690  |
| <ul style="list-style-type: none"> <li>for DC / Rated value</li> </ul>                                       | V  | 800  |
| Protection class   |    |  |
| Protection class IP  |    | IP52   |
| Electricity  |    |  |
| Number of circuits / in a trunking unit  |    | 1  |
| <b>Short-time current resistance (I<sub>cw</sub>) / at 690 V</b>   |    |  |
| <ul style="list-style-type: none"> <li>limited to 0.1 s / Rated value</li> </ul>                             | kA | 40   |
| <ul style="list-style-type: none"> <li>limited to 1 s / Rated value</li> </ul>                               | kA | 32   |
| Surge current resistance / at 690 V / Rated value  | kA | 84   |
| Main circuit   |    |  |
| <b>Operating frequency / Rated value</b>   |    |  |
| <ul style="list-style-type: none"> <li>minimum</li> </ul>  | Hz | 50   |
| <ul style="list-style-type: none"> <li>maximum</li> </ul>  | Hz | 60   |
| <b>Operating voltage / with AC</b>   |    |  |
| <ul style="list-style-type: none"> <li>at 50 Hz / Rated value / maximum</li> </ul>                           | V  | 690  |
| <ul style="list-style-type: none"> <li>at 60 Hz / Rated value / maximum</li> </ul>                           | V  | 690  |
| <b>Operating current</b>   |    |  |
| <ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 50 Hz / Rated value / maximum</li> </ul> | A  | 800  |
| <ul style="list-style-type: none"> <li>for circuit 1 / with AC / at 60 Hz / Rated value / maximum</li> </ul> | A  | 800  |
| Appearance   |    |  |
| Color  |    | light grey                                   |
| Product details  |    |  |
| Product component / Fire shielding   |    | No   |

| Number  |                 |  |
|---|-----------------|--|
| Number of conductors                            |                 | 5  |
| Number of conductors / without PE               |                 | 4  |
| Connections                                     |                 |  |
| Conductor cross section / of the (PE)N          | mm <sup>2</sup> | 446  |
| Tap-off points                                  |                 |  |
| Number of outgoing points / maximum             |                 | 0  |
| Mechanical Design                               |                 |  |
| Height  | mm              | 126  |
| Width   | mm              | 167  |
| mounting position / of the busbar trunking unit |                 | horizontal edgewise, horizontal flat, vertical |
| Length  | mm              | 2 620  |
| Length  |                 |  |
| • of the busbar trunking unit                   | m               | 2.62   |
| Mounting type                                   |                 | ceiling / wall                                 |
| Material / of the busbar                        |                 | aluminium                                      |

#### General Product Approval



#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

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

##### Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/BVP:661243>

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

<http://support.automation.siemens.com/WW/view/en/BVP:661243/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=BVP:661243](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=BVP:661243)

##### CAX-Online-Generator

<http://www.siemens.com/cax>

##### Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>

last modified:

11.03.2015