

BD2A-3-400-SO-2 STANDARD LENGTH 2,25M 400A,  
N + PE, WITHOUT TAP OFFS



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### General technical details:

|                                                                        |    |                                              |
|------------------------------------------------------------------------|----|----------------------------------------------|
| <b>Product designation</b>                                             |    | trunking unit for BD2 busbar trunking system |
| <b>Product-type designation</b>                                        |    | BD2A-3-400-SO-2                              |
| <b>Operating current</b>                                               |    |                                              |
| • for circuit 1 / at 50 Hz / for AC / rated value / maximum            | A  | 400                                          |
| • for circuit 1 / at 60 Hz / for AC / rated value / maximum            | A  | 400                                          |
| <b>Resistance against the impulse current / at 690 V / rated value</b> | kA | 40                                           |
| <b>Short-time current resistance (I<sub>cw</sub>) / at 690 V</b>       |    |                                              |
| • limited to 1 s / rated value                                         | kA | 16                                           |
| • limited to 0.1 s / rated value                                       | kA | 20                                           |
| <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> | 205            |
| <b>Mounting type</b>                          |                 | ceiling / wall |
| <b>Width</b>                                  | mm              | 167            |
| <b>Height</b>                                 | mm              | 68             |
| <b>Color</b>                                  |                 | light grey     |

#### Busbar:

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

#### Busway section:

|                                               |   |                                                |
|-----------------------------------------------|---|------------------------------------------------|
| <b>Length / of the busbar box</b>             | m | 2.25                                           |
| <b>mounting position / of the busbar box</b>  |   | horizontal edgewise, horizontal flat, vertical |
| <b>Number of circuits / in one busbar box</b> |   | 1                                              |

#### Ambient conditions:

|                            |  |      |
|----------------------------|--|------|
| <b>Protection class IP</b> |  | 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:261491/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=BVP:261491](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:261491)

last change:

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