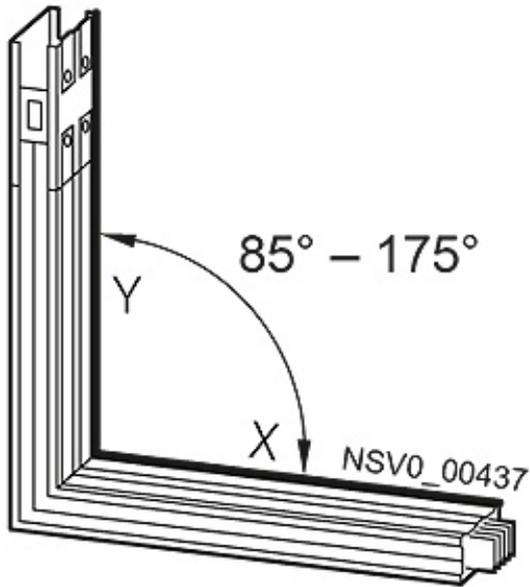


BD2A-400-LV-X\*/Y\*-G\* KNEE FRONTSIDE X/Y 0,36M-1,25M 160A-400A WINKEL 85 GRAD-175 GR AD



Similar to image

**General technical details:**

|  |    |   |
|--|----|---|
| <b>Product designation</b>   |    | L unit (junction unit) for BD2 busbar trunking system |
| <b>Product-type designation</b>  |    | BD2A-400-LV-X*/Y*-G*                                  |
| <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  |
| <b>Number of conductors / without PE</b> |  | 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              | 1,250          |
| <b>Color</b>                                  |                 | light grey     |

#### Busbar:

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

#### Busway section:

|  |   |      |
|--|---|------|
| <b>Length of the X-dimension / of the busbar box junction unit</b> |   |      |
| • minimum  | m | 0.36 |
| • maximum  | m | 1.25 |
| <b>Length of the Y-dimension / of the busbar box junction unit</b> |   |      |
| • minimum  | m | 0.36 |
| • maximum  | m | 1.25 |

#### 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/WWW/view/en/BVP:261865/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=BVP:261865](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:261865)

**last change:**

Jul 7, 2014