

### BD2-AK2X/S27 TAP-OFF UNIT 25A / 1X 3P.S27

#### General technical details:

|                                             |    |                                             |
|---------------------------------------------|----|---------------------------------------------|
| <b>product designation</b>                  |    | tap-off unit for BD2 busbar trunking system |
| <b>Product-type designation</b>             |    | BD2-AK2X/S27                                |
| <b>Product function / phase selection</b>   |    | No                                          |
| <b>Operating current</b>                    |    |                                             |
| • for circuit 1                             |    |                                             |
| • at 50 Hz / for AC / rated value / maximum | A  | 25                                          |
| • at 60 Hz / for AC / rated value / maximum | A  | 25                                          |
| <b>Operating frequency</b>                  |    |                                             |
| • rated value                               | Hz | 50 ... 60                                   |
| <b>Operating voltage</b>                    |    |                                             |
| • at 50 Hz / at AC / rated value / maximum  | V  | 500                                         |
| • at 60 Hz / at AC / rated value / maximum  | V  | 500                                         |
| <b>Number of CEE sockets</b>                |    | 0                                           |
| <b>Number of safety sockets</b>             |    | 0                                           |
| <b>Number of pitch units for width</b>      |    | 8                                           |
| <b>Number of other sockets</b>              |    | 0                                           |
| <b>Number of conductors / without PE</b>    |    | 0                                           |

#### Mechanical design:

|                                                                  |                 |             |
|------------------------------------------------------------------|-----------------|-------------|
| <b>Design of the socket</b>                                      |                 | Other       |
| <b>Product component / locking</b>                               |                 | Yes         |
| <b>Length</b>                                                    | mm              | 320         |
| <b>Width</b>                                                     | mm              | 205         |
| <b>Height</b>                                                    | mm              | 160         |
| <b>Color</b>                                                     |                 | light grey  |
| <b>RAL color number</b>                                          |                 | RAL 7035    |
| <b>Product component / outgoing unit for mounting in devices</b> |                 | No          |
| <b>Conductor cross section that can be connected</b>             |                 |             |
| • in the outgoing unit                                           | mm <sup>2</sup> | 0.75 ... 16 |

#### Outgoing unit:

|                                    |  |             |
|------------------------------------|--|-------------|
| <b>Design of the outgoing unit</b> |  | cable entry |
|------------------------------------|--|-------------|

|                                                                              |  |                      |
|------------------------------------------------------------------------------|--|----------------------|
| Execution of short-circuit and overloading protection / in the outgoing unit |  | 3-pole S27 fuse base |
| Size of the outgoing feeder                                                  |  | 2                    |
| Number of poles / of the outgoing feeder                                     |  | 5                    |

#### Ambient conditions:

|                     |      |
|---------------------|------|
| Protection class IP | IP54 |
|---------------------|------|

#### 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:203136/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=BVP:203136](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=BVP:203136)

last change:

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