

## Busbar adapter, 55 mm, DIN rail: 2

|                       |            |
|-----------------------|------------|
| Part no.              | BBA4/2TS-L |
| Catalog No.           | 101483     |
| Alternate Catalog No. | BBA4/2TS-L |
| EL-Nummer (Norway)    | 2465058    |

## Delivery program

|                                                                                                                                             |  |          |                                                                                                                                                                                    |
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| Accessories                                                                                                                                 |  |          | Busbar adapters                                                                                                                                                                    |
|                                                                                                                                             |  |          | Approved to UL 508<br>For fitting to flat Cu-busbars with 60 mm between busbar centres, suitable for 5 mm and 10 mm busbar thickness<br>without electrical contact<br>Empty module |
| Adapter width                                                                                                                               |  | mm       | 55                                                                                                                                                                                 |
| Adapter length                                                                                                                              |  | mm       | 200                                                                                                                                                                                |
| DIN rail                                                                                                                                    |  | Quantity | 2                                                                                                                                                                                  |
| Adapter width                                                                                                                               |  | mm       | 55                                                                                                                                                                                 |
| <b>Notes</b> Mounting rails can be moved within a 1.25 mm grid.<br>Can be used to surface-mount reversing starters and star-delta starters. |  |          |                                                                                                                                                                                    |

## Design verification as per IEC/EN 61439

|                                                                                                                        |            |    |                                                                                                |
|------------------------------------------------------------------------------------------------------------------------|------------|----|------------------------------------------------------------------------------------------------|
| Technical data for design verification                                                                                 |            |    |                                                                                                |
| Rated operational current for specified heat dissipation                                                               | $I_n$      | A  | 0                                                                                              |
| Heat dissipation per pole, current-dependent                                                                           | $P_{vid}$  | W  | 0                                                                                              |
| Equipment heat dissipation, current-dependent                                                                          | $P_{vid}$  | W  | 0                                                                                              |
| Static heat dissipation, non-current-dependent                                                                         | $P_{vs}$   | W  | 0                                                                                              |
| Heat dissipation capacity                                                                                              | $P_{diss}$ | W  | 0                                                                                              |
| Operating ambient temperature min.                                                                                     |            | °C | -25                                                                                            |
| Operating ambient temperature max.                                                                                     |            | °C | 55                                                                                             |
| IEC/EN 61439 design verification                                                                                       |            |    |                                                                                                |
| 10.2 Strength of materials and parts                                                                                   |            |    |                                                                                                |
| 10.2.2 Corrosion resistance                                                                                            |            |    | Meets the product standard's requirements.                                                     |
| 10.2.3.1 Verification of thermal stability of enclosures                                                               |            |    | Meets the product standard's requirements.                                                     |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat                                             |            |    | Meets the product standard's requirements.                                                     |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects |            |    | Meets the product standard's requirements.                                                     |
| 10.2.4 Resistance to ultra-violet (UV) radiation                                                                       |            |    | Meets the product standard's requirements.                                                     |
| 10.2.5 Lifting                                                                                                         |            |    | Does not apply, since the entire switchgear needs to be evaluated.                             |
| 10.2.6 Mechanical impact                                                                                               |            |    | Does not apply, since the entire switchgear needs to be evaluated.                             |
| 10.2.7 Inscriptions                                                                                                    |            |    | Meets the product standard's requirements.                                                     |
| 10.3 Degree of protection of ASSEMBLIES                                                                                |            |    | Does not apply, since the entire switchgear needs to be evaluated.                             |
| 10.4 Clearances and creepage distances                                                                                 |            |    | Meets the product standard's requirements.                                                     |
| 10.5 Protection against electric shock                                                                                 |            |    | Does not apply, since the entire switchgear needs to be evaluated.                             |
| 10.6 Incorporation of switching devices and components                                                                 |            |    | Does not apply, since the entire switchgear needs to be evaluated.                             |
| 10.7 Internal electrical circuits and connections                                                                      |            |    | Is the panel builder's responsibility.                                                         |
| 10.8 Connections for external conductors                                                                               |            |    | Is the panel builder's responsibility.                                                         |
| 10.9 Insulation properties                                                                                             |            |    |                                                                                                |
| 10.9.2 Power-frequency electric strength                                                                               |            |    | Is the panel builder's responsibility.                                                         |
| 10.9.3 Impulse withstand voltage                                                                                       |            |    | Is the panel builder's responsibility.                                                         |
| 10.9.4 Testing of enclosures made of insulating material                                                               |            |    | Is the panel builder's responsibility.                                                         |
| 10.10 Temperature rise                                                                                                 |            |    | Not applicable.                                                                                |
| 10.11 Short-circuit rating                                                                                             |            |    | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility                                                                                    |            |    | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |

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| 10.13 Mechanical function |  |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |
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### Technical data ETIM 8.0

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| Low-voltage industrial components (EG000017) / Busbar adapter (EC001531)                                                                                                                                                         |  |    |                  |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar adapter (low-voltage switching technology) (ecI@ss10.0.1-27-37-03-04 [ACN951011]) |  |    |                  |
| Mounting rail armament                                                                                                                                                                                                           |  |    | 2 mounting rails |
| Type of electric connection                                                                                                                                                                                                      |  |    | None             |
| Rated current I <sub>n</sub>                                                                                                                                                                                                     |  | A  | 0                |
| Min. busbar thickness                                                                                                                                                                                                            |  | mm | 5                |
| Max. busbar thickness                                                                                                                                                                                                            |  | mm | 10               |
| Width of the adapter                                                                                                                                                                                                             |  | mm | 54               |
| Rail width                                                                                                                                                                                                                       |  | mm | 35               |
| Busbar distance                                                                                                                                                                                                                  |  | mm | 60               |