



PRODUCT-DETAILS

# DB16

## DB16 Single Mounting Kit



| General Information   |                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DB16                                                                                                                                     |
| Product ID            | 1SAZ701901R0001                                                                                                                          |
| EAN                   | 4013614407819                                                                                                                            |
| Catalog Description   | DB16 Single Mounting Kit                                                                                                                 |
| Long Description      | The DB16 single mounting kit allows the installation of T16 thermal overload relays without a contactor on a DIN rail or mounting plate. |

| Ordering               |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85389099 |

| Popular Downloads                 |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SBC100214C0202 |
| Instructions and Manuals          | 2CDC106024M6802 |

|                                      |                 |
|--------------------------------------|-----------------|
| Instructions and<br>Manuals (Part 2) | 1SAC200017M0002 |
| CAD Dimensional<br>Drawing           | 2CDC001079B0201 |
| Dimension Diagram                    | 1SAZ700411F0001 |

**Dimensions**

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 92 mm    |
| Product Net Height            | 50 mm    |
| Product Net Depth /<br>Length | 73 mm    |
| Product Net Weight            | 0.032 kg |

**Technical**

|                                                           |                                                                                                                                                                                                             |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Operational<br>Voltage                              | Main Circuit 690 V AC                                                                                                                                                                                       |
| Rated Operational<br>Current (I <sub>e</sub> )            | 16 A                                                                                                                                                                                                        |
| Rated Operational<br>Current AC-3 (I <sub>e</sub> )       | 16 A                                                                                                                                                                                                        |
| Rated Frequency (f)                                       | Main Circuit 50 Hz<br>Main Circuit 60 Hz                                                                                                                                                                    |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub><br>) | Auxiliary Circuit 6 kV<br>Main Circuit 6 kV                                                                                                                                                                 |
| Rated Insulation Voltage<br>(U <sub>i</sub> )             | 690 V                                                                                                                                                                                                       |
| Number of Poles                                           | 3P                                                                                                                                                                                                          |
| Degree of Protection                                      | IP20                                                                                                                                                                                                        |
| Pollution Degree                                          | 3                                                                                                                                                                                                           |
| Connecting Capacity<br>Main Circuit                       | Flexible with Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible 1x 0.75 ... 2.5 mm <sup>2</sup><br>Rigid 1x 0.75 ... 4 mm <sup>2</sup> |
| Tightening Torque                                         | Main Circuit 1.1 ... 1.5 N·m                                                                                                                                                                                |
| Wire Stripping Length                                     | Main Circuit 12 mm                                                                                                                                                                                          |
| Recommended Screw<br>Driver                               | Pozidriv 2                                                                                                                                                                                                  |
| Mounting Position                                         | 1 ... 5                                                                                                                                                                                                     |
| Suitable For                                              | T16                                                                                                                                                                                                         |
| Standards                                                 | CSA 22.2 No. 14<br>IEC/EN 60947-1<br>IEC/EN 60947-4-1<br>UL 508                                                                                                                                             |

**Technical UL/CSA**

|                                            |                                                |
|--------------------------------------------|------------------------------------------------|
| Maximum Operating<br>Voltage UL/CSA        | Main Circuit 600 V AC                          |
| Connecting Capacity<br>Main Circuit UL/CSA | Flexible 1x 18-10 AWG<br>Stranded 1x 18-10 AWG |
| Tightening Torque<br>UL/CSA                | Main Circuit 13 in·lb                          |

|                                               |                 |
|-----------------------------------------------|-----------------|
| <b>Environmental</b>                          |                 |
| Resistance to Shock acc.<br>to IEC 60068-2-27 | 11 ms Pulse 25g |
| Resistance to Vibrations                      | 3g 3 ... 150 Hz |

|                                                   |                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------|
| <b>Material Compliance</b>                        |                                                                        |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108467A5658                                                        |
| REACH Declaration                                 | 2CMT2021-006202                                                        |
| RoHS Information                                  | 2CMT2021-006277                                                        |
| RoHS Status                                       | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances<br>Control Act - TSCA            | 2CMT2023-006525                                                        |
| WEEE B2C / B2B                                    | Business To Business                                                   |
| WEEE Category                                     | 5. Small Equipment (No External Dimension More Than 50 cm)             |

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>Certificates and Declarations</b> |                       |
| ABS Certificate                      | No Certificate Needed |
| Declaration of<br>Conformity - CE    | 1SAD101100-3504       |
| Declaration of<br>Conformity - UKCA  | 1SAD201100-3504       |
| DNV Certificate                      | No Certificate Needed |
| GL Certificate                       | No Certificate Needed |
| LR Certificate                       | No Certificate Needed |
| RINA Certificate                     | No Certificate Needed |
| RMRS Certificate                     | No Certificate Needed |
| UL Certificate                       | E48139-20090126       |

|                                   |               |
|-----------------------------------|---------------|
| <b>Container Information</b>      |               |
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 92 mm         |
| Package Level 1 Height            | 50 mm         |
| Package Level 1 Depth /<br>Length | 73 mm         |
| Package Level 1 Gross<br>Weight   | 0.053 kg      |
| Package Level 1 EAN               | 4013614407819 |
| Package Level 2 Units             | 130 piece     |
| Package Level 2 Width             | 215 mm        |
| Package Level 2 Height            | 140 mm        |
| Package Level 2 Depth /<br>Length | 200 mm        |
| Package Level 2 Gross<br>Weight   | 7 kg          |
| Package Level 2 EAN               | 4013614480027 |

|                        |   |
|------------------------|---|
| <b>Classifications</b> |   |
| Object Classification  | Q |

|                                    |                                                                      |  |
|------------------------------------|----------------------------------------------------------------------|--|
| Code                               |                                                                      |  |
| ETIM 4                             | EC002498 - Accessories for low-voltage switch technology             |  |
| ETIM 5                             | EC002498 - Accessories for low-voltage switch technology             |  |
| ETIM 6                             | EC002498 - Accessories for low-voltage switch technology             |  |
| ETIM 7                             | EC002498 - Accessories for low-voltage switch technology             |  |
| ETIM 8                             | EC002498 - Accessories/spare parts for low-voltage switch technology |  |
| eClass                             | V11.0 : 27371392                                                     |  |
| UNSPSC                             | 31162313                                                             |  |
| IDEA Granular Category Code (IGCC) | 2988 >> Mounting kits                                                |  |
| E-Number (Finland)                 | 3707477                                                              |  |
| E-Number (Norway)                  | 4117170                                                              |  |

Where Used (as part of "kit")

| Identifier      | Description | Type |
|-----------------|-------------|------|
| 3BHB047970R0001 |             | Kit  |
| 3BHB047970R0002 |             | Kit  |
| 3BHB047970R0003 |             | Kit  |
| 3BHB047970R0004 |             | Kit  |
| 3BHB047970R0005 |             | Kit  |
| 3BHB047970R0006 |             | Kit  |
| 3BHB047970R0007 |             | Kit  |
| 3BHB047970R0008 |             | Kit  |
| 3BHB047970R0009 |             | Kit  |
| 3BHB047970R0019 |             | Kit  |

Categories

Low Voltage Products and Systems → Control Products → Contactors → Thermal Overload Relays  
Drives → Services → Spares and Consumables → Parts

