

PRODUCT-DETAILS

# PS1-3-0-100

## PS1-3-0-100 Busbar



| General Information   |                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | PS1-3-0-100                                                                                                                                                                                                          |
| Product ID            | 1SAM201916R1103                                                                                                                                                                                                      |
| EAN                   | 4013614400612                                                                                                                                                                                                        |
| Catalog Description   | PS1-3-0-100 Busbar                                                                                                                                                                                                   |
| Long Description      | PS1-3-0-100 3-phase busbars ensure a quick and safe connection of 3 MS132 or MS116 manual motor starters without lateral auxiliary contacts and are therefore a cost effective solution. The rated current is 100 A. |

| Ordering               |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85369010 |

| Popular Downloads                 |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SBC100214C0202 |
| Instructions and Manuals          | 2CDC131011M6802 |
|                                   | 2CDC131034M6801 |
|                                   | 2CDC131022M6802 |
| Instructions and Manuals (Part 3) | 1SBC100214C0202 |

|                         |                 |
|-------------------------|-----------------|
| CAD Dimensional Drawing | 2CDC001079B0201 |
| Dimension Diagram       | 1SAM200453F0001 |

|                            |          |
|----------------------------|----------|
| <b>Dimensions</b>          |          |
| Product Net Width          | 131.5 mm |
| Product Net Height         | 38.8 mm  |
| Product Net Depth / Length | 13 mm    |
| Product Net Weight         | 0.084 kg |

|                                                                   |                                                                  |
|-------------------------------------------------------------------|------------------------------------------------------------------|
| <b>Technical</b>                                                  |                                                                  |
| Rated Operational Voltage                                         | 690 V AC<br>250 V DC                                             |
| Rated Operational Current (I <sub>e</sub> )                       | 100 A                                                            |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 6 kV                                                             |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | 100 kA                                                           |
| Number of Mountable Devices                                       | 3                                                                |
| Number of Lateral Auxiliary Contacts                              | 0                                                                |
| Number of Phases                                                  | 3                                                                |
| Number of Poles                                                   | 9                                                                |
| Degree of Protection                                              | IP20                                                             |
| Pollution Degree                                                  | 3                                                                |
| Connection Type                                                   | Fork                                                             |
| Standards                                                         | IEC/EN 60947-1<br>IEC/EN 60947-4-1<br>UL 60947-1<br>UL 60947-4-1 |
| Product Name                                                      | Busbar                                                           |
| Suitable For                                                      | MS116<br>MS132<br>MO132                                          |
| Suitable for Product Class                                        | Manual Motor Starter                                             |
| Accessory Group                                                   | Electrical                                                       |
| Accessory Type                                                    | 3-Phase Busbar                                                   |

|                                  |                       |
|----------------------------------|-----------------------|
| <b>Technical UL/CSA</b>          |                       |
| Maximum Operating Voltage UL/CSA | Main Circuit 600 V AC |

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| <b>Environmental</b>    |                                                    |
| Ambient Air Temperature | Operation -25 ... +70 °C<br>Storage -50 ... +80 °C |
| REACH Declaration       | No declaration needed                              |

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| RoHS Information | 1SAA963006-4502                                                        |
| RoHS Status      | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Certificates and Declarations

|                                     |                  |
|-------------------------------------|------------------|
| cUL Certificate                     | 1SAA963001-1701  |
| Declaration of<br>Conformity - CE   | 1SAD101100-3411  |
| Declaration of<br>Conformity - UKCA | 1SAD201100-3411  |
| UL Certificate                      | E121190-20000619 |

Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Width             | 80 mm         |
| Package Level 1 Depth /<br>Length | 179 mm        |
| Package Level 1 Height            | 60 mm         |
| Package Level 1 Gross<br>Weight   | 0.882 kg      |
| Package Level 1 EAN               | 4013614488238 |
| Package Level 1 Units             | box 10 piece  |

Classifications

|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| Object Classification<br>Code         | W                                                        |
| ETIM 4                                | EC002498 - Accessories for low-voltage switch technology |
| ETIM 5                                | EC000215 - Phase busbar                                  |
| ETIM 6                                | EC000215 - Phase busbar                                  |
| ETIM 7                                | EC000215 - Phase busbar                                  |
| ETIM 8                                | EC000215 - Phase busbar                                  |
| eClass                                | V11.0 : 27371306                                         |
| UNSPSC                                | 39121117                                                 |
| IDEA Granular Category<br>Code (IGCC) | 4378 >> Phase busbar                                     |
| E-Number (Finland)                    | 3705969                                                  |
| E-Number (Sweden)                     | 3112075                                                  |

Categories

Low Voltage Products and Systems → Control Products → Manual Motor Starters → Manual Motor Starters Accessories

