

SUZ DF 10.16/02/180SF BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

The pluggable connections for power electronics - optimised for modern drive technologies, e.g. motor starters, frequency converters and servo-controllers.

OMNIMATE Power sets the new standard – with increased safety and innovative solutions such as the pluggable shield, integrated signal contacts and one-handed operation.

The three product lines offer you further advantages:

- Application-oriented scalability: from the compact 4 mm² connector for 29 A (IEC) or 20 A (UL) up to the sturdy 16 mm² connector for 76 A (IEC) or 54 A (UL)
- Unlimited usage up to 1,000 V (IEC) or 600 V (UL)
- A variety of application optimised mounting options

Our Service:

Design your individual connectors simply by using the

General ordering data

| | |
|--------------|---|
| Version | PCB plug-in connector, Accessories, Mounting block, black, Number of poles: 2 |
| Order No. | 2838010000 |
| Type | SUZ DF 10.16/02/180SF BK BX |
| GTIN (EAN) | 4064675436836 |
| Qty. | 40 pc(s). |
| Product data | |
| Packaging | Box |

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| | | | |
|------------|----------|-----------------|------------|
| Depth | 50.5 mm | Depth (inches) | 1.988 inch |
| Height | 31 mm | Height (inches) | 1.22 inch |
| Width | 40.64 mm | Width (inches) | 1.6 inch |
| Net weight | 13.494 g | | |

Material data

| | | | |
|-----------------------------|----------|-----------------------------|--------|
| Insulating material | PA 66/6 | Colour | black |
| Colour chart (similar) | RAL 9011 | UL 94 flammability rating | V-0 |
| Storage temperature, min. | -40 °C | Storage temperature, max. | 70 °C |
| Operating temperature, min. | -50 °C | Operating temperature, max. | 100 °C |

Rated data acc. to IEC

| | |
|-------------------------|------------------------|
| tested acc. to standard | IEC 60664-1, IEC 61984 |
|-------------------------|------------------------|

Packing

| | | | |
|-----------|--------|------------|--------|
| Packaging | Box | VPE length | 399 mm |
| VPE width | 219 mm | VPE height | 61 mm |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002943 | ETIM 7.0 | EC002943 |
| ETIM 8.0 | EC002943 | ETIM 9.0 | EC002943 |
| ECLASS 9.0 | 27-44-04-92 | ECLASS 9.1 | 27-44-04-92 |
| ECLASS 10.0 | 27-44-04-92 | ECLASS 11.0 | 27-46-04-05 |
| ECLASS 12.0 | 27-46-04-05 | ECLASS 13.0 | 27-46-04-05 |

Important note

| | |
|----------------|--|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes | <ul style="list-style-type: none">Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

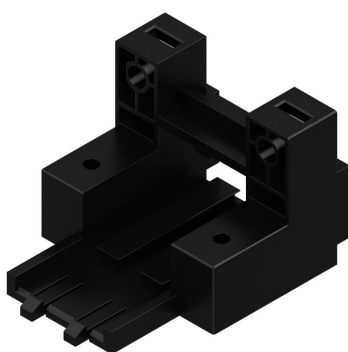
Downloads

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

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Drawings**Product image****Dimensional drawing**