# BV/SV 7.62HP KO

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

## Product image

Similar to illustration

**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, Coding element, black, Number of poles: 1 |
| Order No. | 1937590000 |
| Type | BV/SV 7.62HP KO |
| GTIN (EAN) | 4032248608881 |
| Qty. | 50 pc(s). |
| Product data | |
| Packaging | Box |

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## Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 1.44 g |

### Material data

| | | | |
|---|---|---|---|
| Insulating material | LCP GF | Colour | black |
| Colour chart (similar) | RAL 9011 | Moisture Level (MSL) | 1 |
| UL 94 flammability rating | V-0 | Contact material | Cu-alloy |
| Storage temperature, min. | -40 °C | Storage temperature, max. | 70 °C |
| Operating temperature, min. | -50 °C | Operating temperature, max. | 100 °C |
| Temperature range, installation, min. | -25 °C | Temperature range, installation, max. | 100 °C |

### Rated data acc. to IEC

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

### Packing

| | | | |
|---|---|---|---|
| Packaging | Box | VPE length | 169 mm |
| VPE width | 117 mm | VPE height | 38 mm |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002943 | ETIM 7.0 | EC002943 |
| ETIM 8.0 | EC002943 | ETIM 9.0 | EC002943 |
| ETIM 10.0 | 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 | 27-46-04-01 | ECLASS 12.0 | 27-46-04-01 |
| ECLASS 13.0 | 27-46-04-01 | ECLASS 14.0 | 27-46-04-01 |
| ECLASS 15.0 | 27-46-04-01 | | |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

### 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 | • Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

### Approvals

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

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## Technical data

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Declaration of the Manufacturer |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL DRIVES EN<br>MB DEVICE MANUF. EN<br>FL DRIVES DE<br>FL HEATING ELECTR EN<br>FL APPL_INVERTER EN<br>FL_BASE_STATION_EN<br>FL ELEVATOR EN<br>FL POWER SUPPLY EN<br>FL 72H SAMPLE SER EN<br>PO OMNIMATE EN<br>PO OMNIMATE EN |