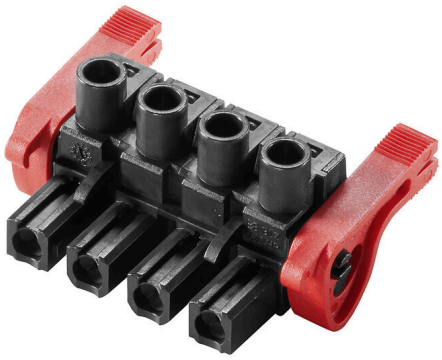
Data sheet

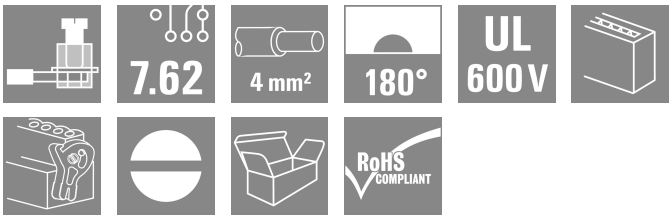
# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Product image






Power on board - 100% safety, 100% integration, 100% cost-effectiveness:
The compact, efficient solution for UL-600V applications in the lower performance range up to 12kVA.
- 29 A at 630 V (IEC)
- 20 A at 600 V (UL)
- Single compartment mating profile
- Clamping range: 0.08 - 4 mm² / AWG 28 - 12

Assistance with device approval:
- meets the requirements for 600 V in accordance with UL508/UL840
- meets the more stringent touch-safety requirements of IEC68100-5-1

The slimming cure for multiple-stage device series: reduced size and cut costs in the high-volume lower performance range without compromising device approval!

### General ordering data

| | |
|---|---|
| Version | PCB plug-in connector, female plug, 7.62 mm, Number of poles: 8, 180°, Clamping yoke connection, Clamping range, max. : 4 mm², Box |
| Order No. | 2000470000 |
| Type | BLZ 7.62HP/08/180LR SN BK BX PRT |
| GTIN (EAN) | 4050118382235 |
| Qty. | 20 items |
| Product data | IEC: 630 V / 29 A / 0.2 - 4 mm²<br>UL: 600 V / 20 A / AWG 20 - AWG 12 |
| Packaging | Box |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 23.3 mm | Depth (inches) | 0.9173 inch |
| Height | 18.3 mm | Height (inches) | 0.7205 inch |
| Width | 69.84 mm | Width (inches) | 2.7496 inch |
| Net weight | 17.49 g | | |

### Environmental Product Compliance

| | | |
|---|---|---|
| RoHS Compliance Status | Compliant without exemption | |
| REACH SVHC | No SVHC above 0.1 wt% | |
| Product Carbon Footprint | Cradle to gate | 0.348 kg CO2eq. |

### System Parameters

| | | | |
|---|---|---|---|
| Product family | OMNIMATE Power - series BL/SL 7.62HP | Type of connection | Field connection |
| Wire connection method | Clamping yoke connection | Pitch in mm (P) | 7.62 mm |
| Pitch in inches (P) | 0.300 " | Conductor outlet direction | 180° |
| Number of poles | 8 | L1 in mm | 53.34 mm |
| L1 in inches | 2.100 " | Number of rows | 1 |
| Pin series quantity | 1 | Rated cross-section | 2.5 mm² |
| Touch-safe protection acc. to DIN VDE 57 106 | Safe from finger touch | Touch-safe protection acc. to DIN VDE 0470 | IP 20 |
| Protection degree | IP20 | Volume resistance | 5.00 mΩ |
| Can be coded | Yes | Stripping length | 7 mm |
| Tightening torque, min. | 0.4 Nm | Tightening torque, max. | 0.5 Nm |
| Clamping screw | M 2.5 | Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264 | Plugging cycles | 25 |
| Plugging force/pole, max. | 9.5 N | Pulling force/pole, max. | 8.5 N |

### Material data

| | | | |
|---|---|---|---|
| Insulating material | PBT | Colour | black |
| Colour chart (similar) | RAL 9011 | Insulating material group | IIIa |
| Comparative Tracking Index (CTI) | ≥ 200 | Insulation resistance | ≥ 108 Ω |
| Moisture Level (MSL) | | UL 94 flammability rating | V-0 |
| Contact material | Cu-alloy | Contact surface | tinned |
| Layer structure of plug contact | 4...8 µm Sn hot-dip tinned | 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 | | |

### Conductors suitable for connection

| | |
|---|---|
| Clamping range, min. | 0.08 mm² |
| Clamping range, max. | 4 mm² |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Technical data

| | | | | |
|---|---|---|---|---|
| Wire connection cross section AWG, min. | AWG 28 | | | |
| Wire connection cross section AWG, max. | AWG 12 | | | |
| Solid, min. H05(07) V-U | 0.2 mm² | | | |
| Solid, max. H05(07) V-U | 4 mm² | | | |
| Flexible, min. H05(07) V-K | 0.2 mm² | | | |
| Flexible, max. H05(07) V-K | 4 mm² | | | |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm² | | | |
| w. plastic collar ferrule, DIN 46228 pt 4, max. | 2.5 mm² | | | |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0.2 mm² | | | |
| w. wire end ferrule, DIN 46228 pt 1, max. | 2.5 mm² | | | |
| Plug gauge in accordance with EN 60999 a x b; ø | 2.8 mm x 2.4 mm | | | |
| Clampable conductor | Cross-section for conductor connection | Type | fine-wired | |
| | | nominal | 0.25 mm² | |
| | wire end ferrule | Stripping length | nominal | 10 mm |
| | | Recommended wire-end ferrule | H0,25/12 HBL | |
| | Cross-section for conductor connection | Type | fine-wired | |
| | | nominal | 0.34 mm² | |
| | wire end ferrule | Stripping length | nominal | 10 mm |
| | | Recommended wire-end ferrule | H0,34/12 TK | |
| | Cross-section for conductor connection | Type | fine-wired | |
| | | nominal | 0.5 mm² | |
| | wire end ferrule | Stripping length | nominal | 6 mm |
| | | Recommended wire-end ferrule | H0,5/6 | |
| | Cross-section for conductor connection | Type | fine-wired | |
| | | nominal | 0.75 mm² | |
| | wire end ferrule | Stripping length | nominal | 6 mm |
| | | Recommended wire-end ferrule | H0,75/6 | |
| | Cross-section for conductor connection | Type | fine-wired | |
| | | nominal | 1 mm² | |
| | wire end ferrule | Stripping length | nominal | 6 mm |
| | | Recommended wire-end ferrule | H1,0/6 | |
| | Cross-section for conductor connection | Type | fine-wired | |
| | | nominal | 1.5 mm² | |
| | wire end ferrule | Stripping length | nominal | 7 mm |
| | | Recommended wire-end ferrule | H1,5/7 | |
| | Cross-section for conductor connection | Type | fine-wired | |
| | | nominal | 2.5 mm² | |
| | wire end ferrule | Stripping length | nominal | 7 mm |
| | | Recommended wire-end ferrule | H2,5/7 | |
| Reference text | The outside diameter of the plastic collar should not be larger than the pitch (P), Length of ferrules is to be chosen depending on the product and the rated voltage. | | | |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Technical data

### Rated data acc. to IEC

| | | | |
|---|---|---|---|
| tested acc. to standard | IEC 60664-1, IEC 61984 | Rated current, min. number of poles (Tu=20°C) | 29 A |
| Rated current, max. number of poles (Tu=20°C) | 26.5 A | Rated current, min. number of poles (Tu=40°C) | 25 A |
| Rated current, max. number of poles (Tu=40°C) | 23 A | Rated voltage for surge voltage class / pollution degree II/2 | 630 V |
| Rated voltage for surge voltage class / pollution degree III/2 | 500 V | Rated voltage for surge voltage class / pollution degree III/3 | 400 V |
| Rated impulse voltage for surge voltage class/ pollution degree II/2 | 4 kV | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 6 kV |
| Rated impulse voltage for surge voltage class/ contamination degree III/3 | 6 kV | Short-time withstand current resistance | 3 x 1s with 180 A |
| Creepage distance, min. | 11.3 mm | Clearance, min. | 9.8 mm |

### Rated data acc. to CSA

| | | | |
|---|---|---|---|
| Rated voltage (Use group B / CSA) | 600 V | Rated voltage (Use group C / CSA) | 600 V |
| Rated voltage (Use group D / CSA) | 600 V | Rated current (Use group B / CSA) | 20 A |
| Rated current (Use group C / CSA) | 20 A | Rated current (Use group D / CSA) | 5 A |
| Wire cross-section, AWG, min. | AWG 20 | Wire cross-section, AWG, max. | AWG 12 |

### Rated data acc. to UL 1059

| | | | |
|---|---|---|---|
| Institute (cURus) | CURUS | Certificate No. (cURus) | E60693 |
| Rated voltage (Use group B / UL 1059) | 600 V | Rated voltage (Use group C / UL 1059) | 600 V |
| Rated voltage (Use group D / UL 1059) | 600 V | Rated current (Use group B / UL 1059) | 20 A |
| Rated current (Use group C / UL 1059) | 20 A | Rated current (Use group D / UL 1059) | 5 A |
| Wire cross-section, AWG, min. | AWG 20 | Wire cross-section, AWG, max. | AWG 12 |
| Reference to approval values | Specifications are maximum values, details - see approval certificate. | | |

### Packing

| | | | |
|---|---|---|---|
| Packaging | Box | VPE length | 348.00 mm |
| VPE width | 135.00 mm | VPE height | 33.00 mm |

### Type tests

| | | | |
|---|---|---|---|
| Test: Durability of markings | Standard | DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96 | |
| | Test | mark of origin, type identification, pitch, type of material, date clock | |
| | Evaluation | available | |
| | Test | durability | |
| | Evaluation | passed | |
| Test: Misengagement (Non-interchangeability) | Standard | DIN EN 61984 section 6.3 and 6.9.1 / 09.02 | |
| | Test | 180° turned with coding elements | |
| | Evaluation | passed | |
| | Test | 180° turned without coding elements | |
| | Evaluation | passed | |
| Test: Clampable cross section | Standard | DIN EN 60999-1 section 7 and 9.1 / 12.00, DIN EN 60947-1 section 8.2.4.5.1 / 12.02 | |
| | Conductor type | Type of conductor and conductor cross-section | solid 0.5 mm² |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Technical data

| | | | |
|---|---|---|---|
| | | Type of conductor and conductor cross-section | stranded 0.5 mm² |
| | | Type of conductor and conductor cross-section | solid 2.5 mm² |
| | | Type of conductor and conductor cross-section | stranded 2.5 mm² |
| | | Type of conductor and conductor cross-section | AWG 20/1 |
| | | Type of conductor and conductor cross-section | AWG 20/19 |
| | | Type of conductor and conductor cross-section | AWG 12/1 |
| | | Type of conductor and conductor cross-section | AWG 12/19 |
| | Evaluation | passed | |
| Test for damage to and accidental loosening of conductors | Standard | DIN EN 60999-1 section 9.4 / 12.00 | |
| | Requirement | 0.2 kg | |
| | Conductor type | Type of conductor and conductor cross-section | AWG 28/1 |
| | | Type of conductor and conductor cross-section | AWG 28/19 |
| | Evaluation | passed | |
| | Requirement | 0.3 kg | |
| | Conductor type | Type of conductor and conductor cross-section | H05V-U0.5 |
| | | Type of conductor and conductor cross-section | H05V-K0.5 |
| | Evaluation | passed | |
| | Requirement | 0.7 kg | |
| | Conductor type | Type of conductor and conductor cross-section | AWG 14/1 |
| | | Type of conductor and conductor cross-section | AWG 14/19 |
| | Evaluation | passed | |
| | Requirement | 0.9 kg | |
| | Conductor type | Type of conductor and conductor cross-section | H07V-U4.0 |
| | | Type of conductor and conductor cross-section | H07V-K4.0 |
| | Evaluation | passed | |
| Pull-out test | Standard | DIN EN 60999-1 section 9.5 / 12.00 | |
| | Requirement | ≥5 N | |
| | Conductor type | Type of conductor and conductor cross-section | AWG 28/1 |
| | | Type of conductor and conductor cross-section | AWG 28/19 |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Technical data

| | | |
|---|---|---|
| Evaluation | passed | |
| Requirement | ≥20 N | |
| Conductor type | Type of conductor and conductor cross-section | H05V-U0.5 |
| | Type of conductor and conductor cross-section | H05V-K0.5 |
| Evaluation | passed | |
| Requirement | ≥50 N | |
| Conductor type | Type of conductor and conductor cross-section | AWG 14/1 |
| | Type of conductor and conductor cross-section | AWG 14/19 |
| | Type of conductor and conductor cross-section | H07V-K4.0 |
| Evaluation | passed | |
| Requirement | ≥60 N | |
| Conductor type | Type of conductor and conductor cross-section | H07V-U4.0 |
| Evaluation | passed | |

### 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 | • In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load<br>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC002638 | ETIM 9.0 | EC002638 |
| ETIM 10.0 | EC002638 | ECLASS 14.0 | 27-46-02-02 |
| ECLASS 15.0 | 27-46-02-02 | | |

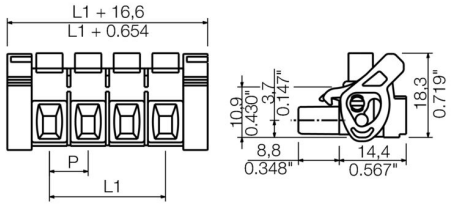
# BLZ 7.62HP/08/180LR SN BK BX PRT

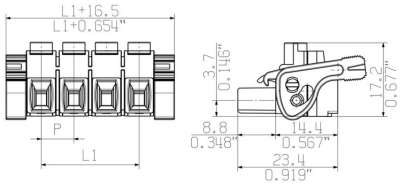
**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

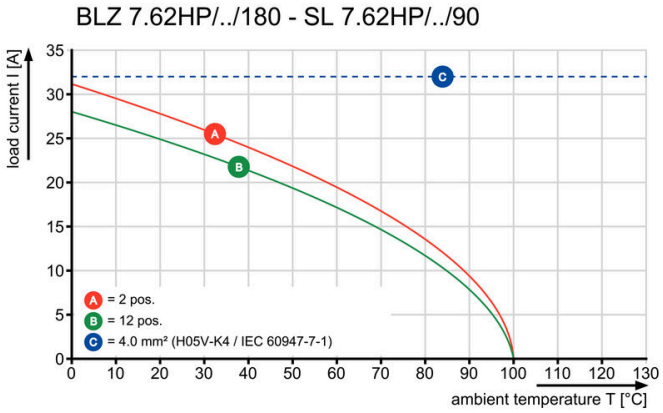
## Drawings

### Dimensional drawing

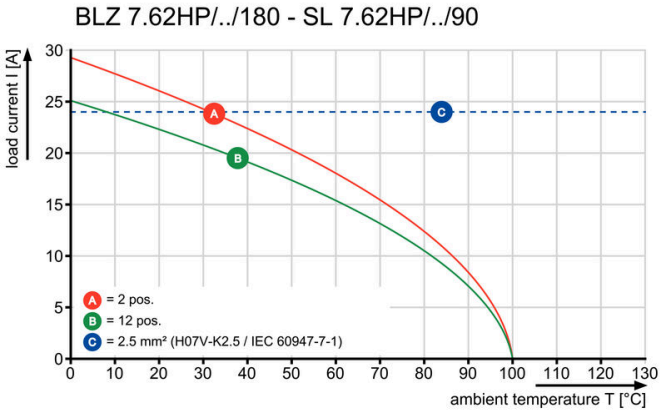



### Graph




### Graph



# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Accessories

### Coding elements



Only connects what is supposed to be connected: the right connection at the right place.
Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation
The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase.
The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.
Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible.
The advantage: no troubleshooting during manufacture and no operational errors by the user.

### General ordering data

| | | |
|---|---|---|
| Type | BLZ/SL KO OR BX | Version |
| Order No. | 1573010000 | PCB plug-in connector, Accessories, Coding element, orange, Number |
| GTIN (EAN) | 4008190048396 | of poles: 1 |
| Qty. | 100 ST | |

| | | |
|---|---|---|
| Type | BLZ/SL KO BK BX | Version |
| Order No. | 1545710000 | PCB plug-in connector, Accessories, Coding element, black, Number |
| GTIN (EAN) | 4008190087142 | of poles: 1 |
| Qty. | 50 ST | |

### Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1.
ChromTop tip, SoftFinish grip

### General ordering data

| | | |
|---|---|---|
| Type | SDS 0.6X3.5X100 | Version |
| Order No. | 9008330000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056286 | |
| Qty. | 1 ST | |

| | | |
|---|---|---|
| Type | SDIS 0.6X3.5X100 | Version |
| Order No. | 9008390000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056354 | |
| Qty. | 1 ST | |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Accessories

### Crimping tools



Crimping tools for wire end ferrules, with and without plastic collars
- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation

### General ordering data

| | | |
|---|---|---|
| Type | PZ 6/5 | Version |
| Order No. | 9011460000 | Pressing tool, Crimping tool for wire-end ferrules, 0.25mm², 6mm², |
| GTIN (EAN) | 4008190165352 | Trapezoidal indentation crimp |
| Qty. | 1 ST | |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Counterpart

### SL 7.62HP/180F



Power on board - 100% safety, 100% integration, 100% cost-effectiveness:
The compact, efficient solution for UL-600V applications in the lower performance range.
High-performance male header for applications up to 12 kVA:
- 29 A at 400 V (IEC)
- 20 A at 600 V (UL)
- Single compartment mating profile

Assisting in device approval:
- Meets the requirements for 600 V according to UL 508 / UL840.
- Meets the increased requirements on touch safety as per IEC68100-5-1 when combined with female header BLZ 7.62 HP

The slimming diet for multiple-stage device series:
Reduce the size and cut costs in the high-volume lower performance range without compromising device approval!
Male header, 180° outlet direction, with screw flanges

#### General ordering data

| | | |
|---|---|---|
| Type | SL 7.62HP/08/180F 3.2 S... | Version |
| Order No. | 1140930000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248923076 | 7.62 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm, |
| Qty. | 24 ST | tinned, black, Box |
| Type | SL 7.62HP/08/180F 3.2 S... | Version |
| Order No. | 1141040000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248923663 | 7.62 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm, |
| Qty. | 24 ST | tinned, orange, Box |

### SL 7.62HP/180LF



Power on board - 100% safety, 100% integration, 100% cost-effectiveness:
The compact, efficient solution for UL-600V applications in the lower performance range.
High-performance male header for applications up to 12 kVA:
- 29 A at 400 V (IEC)
- 20 A at 600 V (UL)
- Single compartment mating profile

Assisting in device approval:
- Meets the requirements for 600 V according to UL 508 / UL840.
- Meets the increased requirements on touch safety as per IEC68100-5-1 when combined with female header BLZ 7.62 HP

The slimming diet for multiple-stage device series:
Reduce the size and cut costs in the high-volume lower performance range without compromising device approval!
Male header, 180° outlet direction, with solder flanges

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

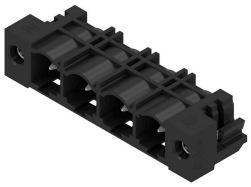
www.weidmueller.com

## Counterpart

### General ordering data

| | | |
|---|---|---|
| Type | SL 7.62HP/08/180LF 3.2 ... | Version |
| Order No. | 1141150000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4032248923700 | connection, 7.62 mm, Number of poles: 8, 180°, Solder pin length (l): |
| Qty. | 24 ST | 3.2 mm, tinned, black, Box |
| Type | SL 7.62HP/08/180LF 3.2 ... | Version |
| Order No. | 1141260000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4032248924097 | connection, 7.62 mm, Number of poles: 8, 180°, Solder pin length (l): |
| Qty. | 24 ST | 3.2 mm, tinned, orange, Box |

### SL 7.62HP/270LF



Power on board - 100% safety, 100% integration, 100% cost-effectiveness:
The compact, efficient solution for UL-600V applications in the lower performance range up to 12 kVA
- 29 A at 400 V (IEC)
- 20 A at 300 V (UL)
- Single compartment mating profile
- Clamping range: 0.08 - 4 mm² / AWG 28 - 12

Assisting in device approval:
- Meets the requirements for 600 V according to UL 508 / UL840.
- Meets the increased requirements on touch safety as per IEC68100-5-1

The slimming diet for multiple-stage device series:
Reduce the size and cut costs in the high-volume lower performance range without compromising device approval!
Male header, 270° outlet angle with solder flanges

### General ordering data

| | | |
|---|---|---|
| Type | SL 7.62HP/08/270LF 3.2S... | Version |
| Order No. | 1472430000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4050118317572 | connection, 7.62 mm, Number of poles: 8, 270°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, black, Box |
| Type | SL 7.62HP/08/270LF 3.2S... | Version |
| Order No. | 1472670000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4050118317794 | connection, 7.62 mm, Number of poles: 8, 270°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |

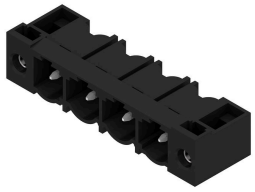
# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Counterpart

### SL 7.62HP/90F



Power on board - 100% safety, 100% integration, 100% cost-effectiveness:
The compact, efficient solution for UL-600V applications in the lower performance range up to 12 kVA
- 29 A at 400 V (IEC)
- 20 A at 300 V (UL)
- Single compartment mating profile
- Clamping range: 0.08 - 4 mm² / AWG 28 - 12

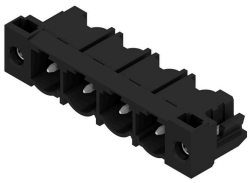
Assisting in device approval:
- Meets the requirements for 600 V according to UL 508 / UL840.
- Meets the increased requirements on touch safety as per IEC68100-5-1

The slimming diet for multiple-stage device series:
Reduce the size and cut costs in the high-volume lower performance range without compromising device approval!
Male header, 90° outlet angle with screw flanges

#### General ordering data

| | | |
|---|---|---|
| Type | SL 7.62HP/08/90F 3.2 SN... | Version |
| Order No. | 1124280000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248906468 | 7.62 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm, |
| Qty. | 24 ST | tinned, black, Box |
| Type | SL 7.62HP/08/90F 3.2 SN... | Version |
| Order No. | 1124350000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248906451 | 7.62 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm, |
| Qty. | 24 ST | tinned, orange, Box |

### SL 7.62HP/90LF



Power on board - 100% safety, 100% integration, 100% cost-effectiveness:
The compact, efficient solution for UL-600V applications in the lower performance range up to 12 kVA
- 29 A at 400 V (IEC)
- 20 A at 300 V (UL)
- Single compartment mating profile
- Clamping range: 0.08 - 4 mm² / AWG 28 - 12

Assisting in device approval:
- Meets the requirements for 600 V according to UL 508 / UL840.
- Meets the increased requirements on touch safety as per IEC68100-5-1

The slimming diet for multiple-stage device series:
Reduce the size and cut costs in the high-volume lower performance range without compromising device approval!
Male header, 90° outlet angle with solder flanges

#### General ordering data

| | | |
|---|---|---|
| Type | SL 7.62HP/08/90LF 3.2 S... | Version |
| Order No. | 1095980000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4032248957439 | connection, 7.62 mm, Number of poles: 8, 90°, Solder pin length (l): |
| Qty. | 24 ST | 3.2 mm, tinned, black, Box |

# BLZ 7.62HP/08/180LR SN BK BX PRT

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

www.weidmueller.com

## Counterpart

| | | |
|---|---|---|
| Type | SL 7.62HP/08/90LF 3.2 S... | Version |
| Order No. | 1096090000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4032248960118 | connection, 7.62 mm, Number of poles: 8, 90°, Solder pin length (l): |
| Qty. | 24 ST | 3.2 mm, tinned, orange, Box |