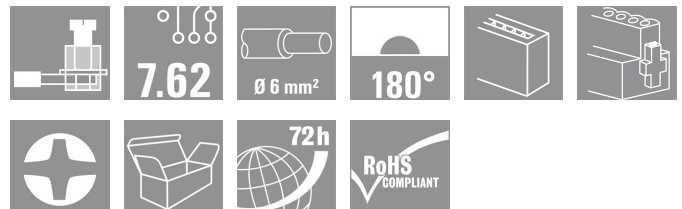


BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 www.weidmueller.com



High-performance male header with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity. Can be labelled.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 32 A (UL)

General ordering data

Order No.	1932200000
Type	SVZ 7.62HP/04/180SFI SN BK BX
Version	PCB plug-in connector, male plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box
Product data	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10
GTIN (EAN)	4032248582310
Packaging	Box
Qty.	100 pc(s).

Creation date May 28, 2012 10:40:12 AM CEST

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Technical data
System parameters

Product family	BV/SV 7.62HP series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in mm (P)	7.62 mm
Pitch in inches (P)	0.3 inch	No. of poles	4
Number of rows	1	Screwdriver blade	0.8 x 4.5
Screwdriver blade standard	DIN 5264-A	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.6 Nm	Clamping screw	M 3
Stripping length	12 mm	L1 in mm	22.86 mm
L1 in inches	0.9 inch	Touch-safe protection acc. to DIN VDE 0470	IP20 plugged
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PA GF	Colour	Black
Colour chart	Similar to RAL 9011	Flammability class UL 94	V-0
CTI	≥ 500	Contact material	Copper alloy
Contact surface	tinned	Contact base material	Copper alloy
Continuous operating temp., min.	-25 °C	Continuous operating temp., max.	130 °C

Connectable conductors

Clamping range, rated connection, min.	0.2 mm ²	Clamping range, rated connection, max.	6 mm ²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 10
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	6 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Flexible, max. H05(07) V-K	6 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	6 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	6 mm ²
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm; 2.4 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	41 A	Rated current, max. no. of poles (Tu=20°C)	41 A
Rated current, number of poles (Tu=40°C), min	41 A	Rated current, number of poles (Tu=40°C), max.	41 A
Rated voltage for surge voltage class / pollution degree II/2	1,000 V	Rated voltage for surge voltage class / pollution degree III/2	1,000 V
Rated voltage for surge voltage class / pollution degree III/3	800 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	6 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	8 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	8 kV
Short-time withstand current resistance	3 x 1s with 420 A		

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Technical data
CSA rating data

Institute (CSA)



Rated voltage (Use group B)

Rated current (use group B)	35 A	Rated voltage (Use group C)	600 V
Rated current (use group C)	35 A	Rated voltage (use group D)	600 V
Rated current (use group D)	5 A	Wire cross-section, AWG, min.	AWG 24
Wire cross-section, AWG, max.	AWG 10		

UL 1059 rating data

Rated voltage (use group B)	600 V	Rated current (use group B)	35 A
Rated voltage (use group C)	600 V	Rated current (use group C)	35 A
Rated voltage (use group D)	600 V	Rated current (use group D)	5 A
Wire cross-section, AWG, min.	AWG 24	Wire cross-section, AWG, max.	AWG 10

Classifications

UNSPSC	30-21-18-10	eClass 5.1	27-26-07-04
eClass 6.0	27-26-07-04	eClass 7.0	27-44-04-02

Notes

Notes

- Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

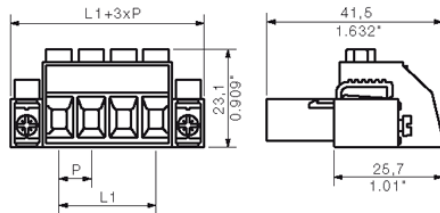
Approvals



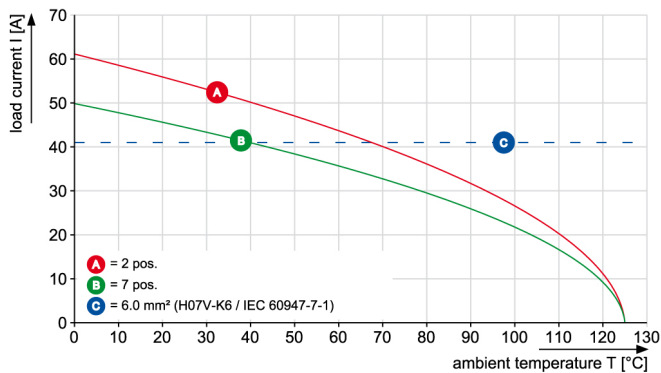
BV/SV 7.62HP series SVZ 7.62HP/04/180SFI SN BK BX

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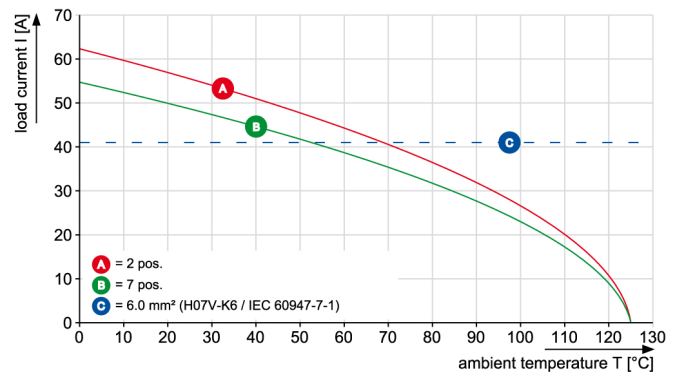
Drawings



BVL 7.62HP/.../180 - SVZ 7.62HP/.../180



BVZ 7.62HP/.../180 - SVZ 7.62HP/.../180



BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (fully pluggable)
BVZ 7.62HP 180(S)FC SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929760000	BVZ 7.62HP/04/180SFC SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248579532	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVZ 7.62HP 180SH210 SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1933440000	BVZ 7.62HP/04/180SH210 SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² of poles: 4, 180°, Clamping UL: 600 V / 35 A / AWG 24 - AWG 10	4032248585823	Box	25 pc(s).

BVL 7.62HP 90 SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1928300000	BVL 7.62HP/04/90 3.5SN BK BX	PCB plug-in connector, female header, closed side, Solder connection, 7.62 mm, No. of poles: 4, 90°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² of poles: 4, 90°, Clamping UL: 300 V / 35 A	4032248577507	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVZ 7.62HP 180SH210C SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1933480000	BVZ 7.62HP/04/180SH210C SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² / 600 V / 35 AWG 10	4032248585861	Box	25 pc(s).

BVL 7.62HP 180 SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1928630000	BVL 7.62HP/04/180 3.5SN BK BX	PCB plug-in connector, female header, closed side, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A / 300 V / 35 A	4032248577989	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVZF 7.62/180F


High-current female connector with time-saving, vibration-proof tension clamp connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.5 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 38 A (IEC) / 27 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1821870000	BVZF 7.62/04/180F SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 800 V / 38 A / 0.2 - 6 mm ² UL: 600 V / 27 A / AWG 22 - AWG 10	4032248322305	Box	100 pc(s).

BVL 7.62HP 270FI SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929430000	BVL 7.62HP/04/270FI 3.5SN BK BX	PCB plug-in connector, female header, Clip-on flange, inverted, Solder connection, 7.62 mm, No. of poles: 4, 270°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248578771	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVL 7.62HP 180FI SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1928750000	BVL 7.62HP/04/180FI 3.5SN BK BX	PCB plug-in connector, female header, Clip-on flange, inverted, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248578108	Box	100 pc(s).

BVL 7.62HP 180SFI SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1928860000	BVL 7.62HP/04/180SFI 3.5SN BK BX	PCB plug-in connector, female header, Screw/clip-on flange, reversed, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248578214	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVZ 7.62HP 180(S)FC SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929650000	BVZ 7.62HP/04/180FC SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² / 35 AWG 10	4032248578887	Box	100 pc(s).

BVZ 7.62HP 180F SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1930070000	BVZ 7.62HP/04/180F SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² / 35 AWG 10	4032248579846	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVL 7.62HP 270SFI SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929540000	BVL 7.62HP/04/270SFI 3.5SN BK BX	PCB plug-in connector, female header, Screw/clip-on flange, reversed, Solder connection, 7.62 mm, No. of poles: 4, 270°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248578986	Box	100 pc(s).

BVZ 7.62HP 180SH180 SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1933350000	BVZ 7.62HP/04/180SH180 SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248585380	Box	25 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVZ 7.62HP 180SF SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1930180000	BVZ 7.62HP/04/180SF SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² of poles: 4, 180°, Clamping UL: 600 V / 35 A / AWG 24 - AWG 10	4032248580057	Box	100 pc(s).

BVZF 7.62/180SF


High-current female connector with time-saving, vibration-proof tension clamp connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.5 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 38 A (IEC) / 27 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1853210000	BVZF 7.62/04/180SF SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 800 V / 38 A / 0.2 - 6 mm ² UL: 600 V / 27 A / AWG 22 - AWG 10	4032248387922	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVZ 7.62HP 180 SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929950000	BVZ 7.62HP/04/180 SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² of poles: 4, 180°, Clamping UL: 600 V / 35 A / AWG 24 - AWG 10	4032248579730	Box	100 pc(s).

BVL 7.62HP 270 SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929320000	BVL 7.62HP/04/270 3.5SN BK BX	PCB plug-in connector, female header, closed side, Solder connection, 7.62 mm, No. of poles: 4, 270°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² of poles: 4, 270°, Clamping UL: 300 V / 35 A	4032248578665	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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 www.weidmueller.com

Mating connector (conditionally pluggable)
BVZ 7.62HP 180SH150C SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929900000	BVZ 7.62HP/04/180SH150C SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² of poles: 4, 180°, Clamping UL: 600 V / 35 A / AWG 24 - AWG 10	4032248579686	Box	25 pc(s).

BVL 7.62HP 90SFI SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1928520000	BVL 7.62HP/04/90SFI 3.5SN BK BX	PCB plug-in connector, female header, Screw/clip-on flange, reversed, Solder connection, 7.62 mm, No. of poles: 4, 90°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248577743	Box	100 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVL 7.62HP 90FI SN


High-performance female connector with solder connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1928410000	BVL 7.62HP/04/90FI 3.5SN BK BX	PCB plug-in connector, female header, Clip-on flange, inverted, Solder connection, 7.62 mm, No. of poles: 4, 90°, Solder pin length (l): 3.5 mm, tinned, Black, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248577637	Box	100 pc(s).

BVZ 7.62HP 180SH150 SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1929860000	BVZ 7.62HP/04/180SH150 SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248579648	Box	25 pc(s).

BV/SV 7.62HP series
SVZ 7.62HP/04/180SFI SN BK BX

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Mating connector (conditionally pluggable)
BVZ 7.62HP 180SH180C SN


High-performance female connector with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact. Suitable for labelling

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1933390000	BVZ 7.62HP/04/180SH180C SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / 0.2 - 6 mm ² / 35 UL: 600 V / 35 AWG 24 - AWG 10	4032248585724	Box	25 pc(s).

BVZF 7.62/180


High-current female connector with time-saving, vibration-proof tension clamp connection. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections or wrong wiring, unique coding diversity, 4-point contact.

- 0.5 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 38 A (IEC) / 27 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1821760000	BVZF 7.62/04/180 SN BK BX	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 4, 180°, Tension clamp connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 800 V / 38 A / 0.2 - 6 mm ² / 27 UL: 600 V / 27 A / AWG 22 - AWG 10	4032248322091	Box	100 pc(s).