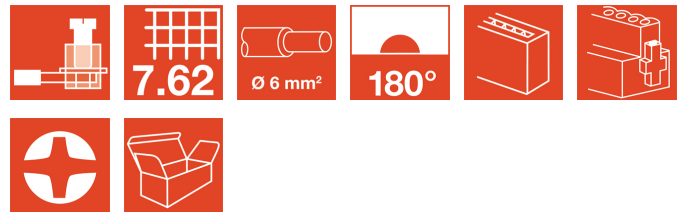


BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Germany
 Fon: +49 5231 14-0
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 www.weidmueller.com



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.	1930180000
Type	BVZ 7.62HP/04/180SF SN BK BX
Version	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
Product data	IEC: 1000 V / 41 / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10
GTIN (EAN)	4032248580057
Qty.	100 pc(s).
Packaging	Box

Creation date January 4, 2012 12:04:16 PM CET

BV/SV 7.62HP series BVZ 7.62HP/04/180SF 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	7.62 mm
Pitch, in inches	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 2.5
Stripping length	12 mm	L1 in mm	22.86 mm
L1 in inches	0.9 inch	Touch-safe protection acc. to DIN VDE 0470 IP 20	
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PA GF	Flammability class UL 94	V-0
CTI	≥ 600	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, number of poles (Tu=40°C), min	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		

CSA 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

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

**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

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Technical data**Classifications**

ETIM 4.0	EC002637	UNSPSC	30-21-18-10
eClass 5.1	27-26-07-04	eClass 6.0	27-26-07-04

Approvals

Approvals	CSA; CURUS; ROHS
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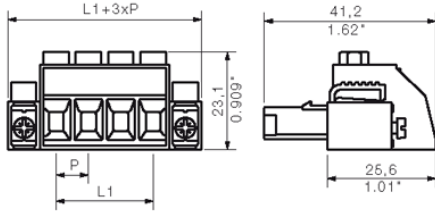
Notes

- 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.

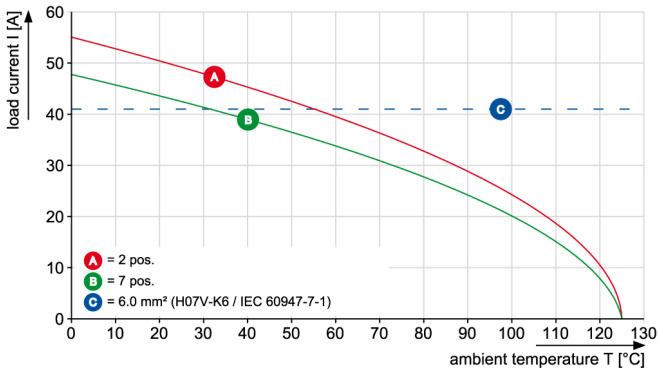
**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

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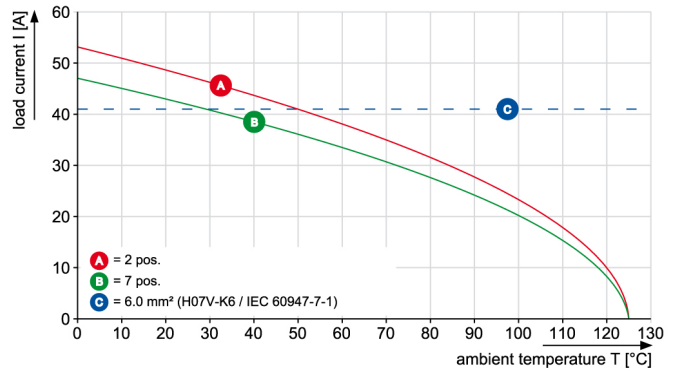
Drawings



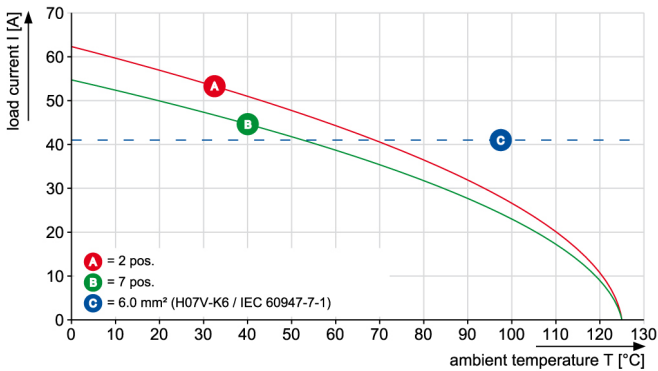
BVZ 7.62HP/./180 - SV 7.62HP/./90



BVZ 7.62HP/./180 - SV 7.62HP/./180

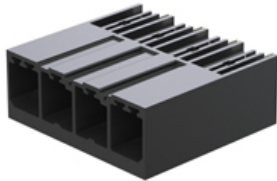


BVZ 7.62HP/./180 - SVZ 7.62HP/./180



**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

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Mating connector (conditionally pluggable)
SV 7.62HP 180GX SN


Single-row, high-performance male connector, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 32 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1930950000	SV 7.62HP/04/180GX 3.5SN BK BX	PCB plug-in connector, male header, Closed-sided / anti-rotation feature, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248580927	100 pc(s).	Box

SVZ 7.62HP 180SH180C SN


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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1951160000	SVZ 7.62HP/04/180SH180C SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248630134	25 pc(s).	Box

BV/SV 7.62HP series BVZ 7.62HP/04/180SF SN BK BX

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Mating connector (conditionally pluggable)

SV 7.62HP 270F SN



Single-row, high-current and high-performance male connectors, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931390000	SV 7.62HP/04/270F 3.5SN BK BX	PCB plug-in connector, male header, Clip-on flange, Solder connection, 7.62 mm, No. of poles: 4, 270°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248581429	100 pc(s).	Box

SVZ 7.62HP 180SH180 SN



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

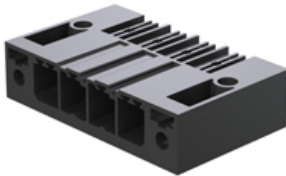
Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932470000	SVZ 7.62HP/04/180SH180 SN BK BX	PCB plug-in connector, male plug, 7.62 mm, No. of poles: 4, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	IEC: 1000 V / 41 A / UL: 600 V / 35 A / AWG 24 - AWG 10	4032248583584	25 pc(s).	Box

BV/SV 7.62HP series BVZ 7.62HP/04/180SF SN BK BX

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Mating connector (conditionally pluggable)

SV 7.62HP 90F SN



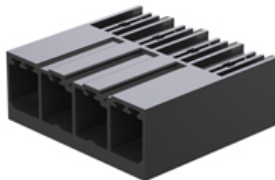
Single-row, high-current and high-performance male connectors, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
193040000	SV 7.62HP/04/90F 3.5SN BK BX	PCB plug-in connector, male header, Clip-on flange, Solder connection, 7.62 mm, No. of poles: 4, 90°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248580279	100 pc(s).	Box

SV 7.62HP 180G SN



Single-row, high-performance male connector, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 32 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
193062000	SV 7.62HP/04/180G 3.5SN BK BX	PCB plug-in connector, male header, closed side, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248580590	100 pc(s).	Box

BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX

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Mating connector (conditionally pluggable)

SVZ 7.62HP 180SFI SN



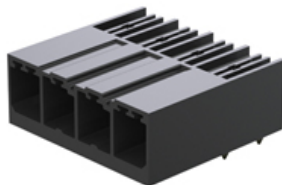
High-performance male header with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement 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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932200000	SVZ 7.62HP/04/180SFI SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248582310	100 pc(s).	Box

SV 7.62HP 90G SN



Single-row, high-current and high-performance male connectors, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1930290000	SV 7.62HP/04/90G 3.5SN BK BX	PCB plug-in connector, male header, closed side, Solder connection, 7.62 mm, No. of poles: 4, 90°, Solder pin length: 3.5 mm, tinned, black, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248580163	100 pc(s).	Box

BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX

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Mating connector (conditionally pluggable)

SVZ 7.62HP 180SH210C SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1951200000	SVZ 7.62HP/04/180SH210C SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248630172	25 pc(s).	Box

SVZ 7.62HP 180SH210 SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932550000	SVZ 7.62HP/04/180SH210 SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248584161	25 pc(s).	Box

**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

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Mating connector (conditionally pluggable)
SV 7.62HP 180FX SN


Single-row, high-performance male connector, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 32 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931060000	SV 7.62HP/04/180FX 3.5SN BK BX	PCB plug-in connector, male header, Clip-on flange / anti-rotation feature, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248581054	100 pc(s).	Box

SVZ 7.62HP 180SH210I SN


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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932590000	SVZ 7.62HP/04/180SH210I SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248584208	25 pc(s).	Box

BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX

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Mating connector (conditionally pluggable)

SV 7.62HP 270G SN



Single-row, high-current and high-performance male connectors, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931280000	SV 7.62HP/04/270G 3.5SN BK BX	PCB plug-in connector, male header, closed side, Solder connection, 7.62 mm, No. of poles: 4, 270°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248581313	100 pc(s).	Box

SVZ 7.62HP 180SH150I SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932340000	SVZ 7.62HP/04/180SH150I SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248582457	25 pc(s).	Box

BV/SV 7.62HP series BVZ 7.62HP/04/180SF SN BK BX

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Mating connector (conditionally pluggable)

SVZ 7.62HP 180SH180I SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932510000	SVZ 7.62HP/04/180SH180I SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248584123	25 pc(s).	Box

SVZ 7.62HP 180SH150 SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932300000	SVZ 7.62HP/04/180SH150 SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248582419	25 pc(s).	Box

**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

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Mating connector (conditionally pluggable)
SV 7.62HP 180F SN


Single-row, high-performance male connector, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 32 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1930730000	SV 7.62HP/04/180F 3.5SN BK BX	PCB plug-in connector, male header, Clip-on flange, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248580705	100 pc(s).	Box

SVZ 7.62HP 180 SN


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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931640000	SVZ 7.62HP/04/180G SN BK BX	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	IEC: 1000 V / 41 A / UL: 600 V / 35 A / AWG 24 - AWG 10	4032248581641	100 pc(s).	Box

**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Mating connector (conditionally pluggable)

SVZ 7.62HP 180SFC SN



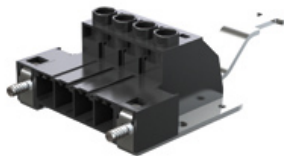
High-performance male header with the tried-and-tested, guaranteed zero-maintenance, Weidmüller steel clamping yoke. Side-by-side mounting without losing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement 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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1951010000	SVZ 7.62HP/04/180SFC SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248629916	100 pc(s).	Box

SVZ 7.62HP 180SH150C SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1951120000	SVZ 7.62HP/04/180SH150C SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248630028	25 pc(s).	Box

BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX

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 Fax: +49 5231 14-2083
 www.weidmueller.com

Mating connector (conditionally pluggable)

SVZ 7.62HP 180FI SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1932090000	SVZ 7.62HP/04/180FI SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248582204	100 pc(s).	Box

SVZ 7.62HP 180F SN



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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931820000	SVZ 7.62HP/04/180F SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248581764	100 pc(s).	Box

**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

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Mating connector (conditionally pluggable)
SVZ 7.62HP 180FC SN


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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1950900000	SVZ 7.62HP/04/180FC SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248629763	100 pc(s).	Box

**BV/SV 7.62HP series
BVZ 7.62HP/04/180SF SN BK BX**

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Klingenbergstraße 16
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Mating connector (fully pluggable)
SV 7.62HP 270SF SN


Single-row, high-current and high-performance male connectors, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931500000	SV 7.62HP/04/270SF 3.5SN BK BX	PCB plug-in connector, male header, Screw/clip-on flange, Solder connection, 7.62 mm, No. of poles: 4, 270°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248581535	100 pc(s).	Box

SVZ 7.62HP 180SF SN


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.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931980000	SVZ 7.62HP/04/180SF SN BK BX	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	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10	4032248581993	100 pc(s).	Box

BV/SV 7.62HP series BVZ 7.62HP/04/180SF SN BK BX

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 www.weidmueller.com

Mating connector (fully pluggable)

SV 7.62HP 180SFX SN



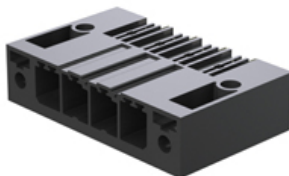
Single-row, high-performance male connector, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 32 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1931170000	SV 7.62HP/04/180SFX 3.5SN BK BX	PCB plug-in connector, male header, Screw flange / clip-on flange / anti-rotation feature, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248581191	100 pc(s).	Box

SV 7.62HP 180SF SN



Single-row, high-performance male connector, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 32 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1930840000	SV 7.62HP/04/180SF 3.5SN BK BX	PCB plug-in connector, male header, Screw/clip-on flange, Solder connection, 7.62 mm, No. of poles: 4, 180°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248580811	100 pc(s).	Box

BV/SV 7.62HP series BVZ 7.62HP/04/180SF SN BK BX

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Mating connector (fully pluggable)

SV 7.62HP 90SF SN



Single-row, high-current and high-performance male connectors, for side-by-side mounting without losing any poles or with patented flange for fast fixing without tools. Maximum connection and operating reliability thanks to pin arrangement that prevents wrong connections, unique coding diversity and additional fixing in flange. 3.5 mm pin length is optimised for lead-free wave soldering.

- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 31 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1930510000	SV 7.62HP/04/90SF 3.5SN BK BX	PCB plug-in connector, male header, Screw/clip-on flange, Solder connection, 7.62 mm, No. of poles: 4, 90°, Solder pin length: 3.5 mm, tinned, Box	IEC: 1000 V / 41 A UL: 300 V / 35 A	4032248580484	100 pc(s).	Box

