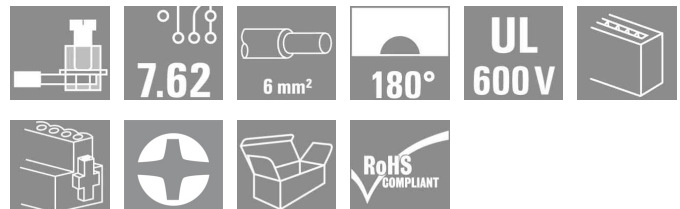


**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	SVZ 7.62HP/03/180SF SN BK BX
Order No.	1931970000
Version	PCB plug-in connector, male plug, 7.62 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box
GTIN (EAN)	4032248581986
Qty.	100 pc(s).
Product data	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 35 A / AWG 24 - AWG 10
Packaging	Box

OMNIMATE Power - series BV/SV 7.62HP SVZ 7.62HP/03/180SF SN BK BX

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Technical data

Dimensions and weights

Net weight 17.9 g

System parameters

Product family	OMNIMATE Power - series BV/SV 7.62HP	Wire connection method	Clamping yoke connection
Conductor outlet direction	180°	Pitch in mm (P)	7.62 mm
Pitch in inches (P)	0.3 inch	No. of poles	3
Screwdriver blade	0.8 x 4.5	Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Clamping screw	M 3	Stripping length	12 mm
L1 in mm	15.24 mm	L1 in inches	0.6 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)	RAL 9011	UL 94 flammability rating	V-0
CTI	≥ 500	Contact material	Cu-Leg
Contact surface	tinned	Contact base material	Cu-Leg

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		

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF 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 6.2	27-26-07-04	eClass 7.1	27-44-04-02

Notes

Notes

- Additional colours on request
- Rated current related to rated cross-section & 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 drawing = 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



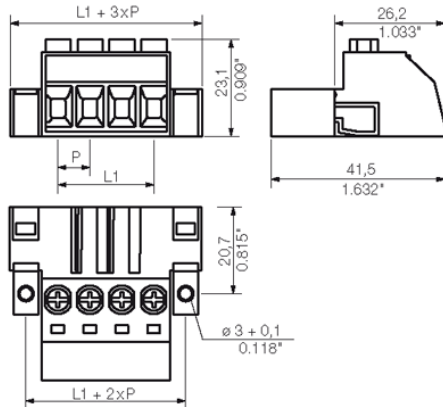
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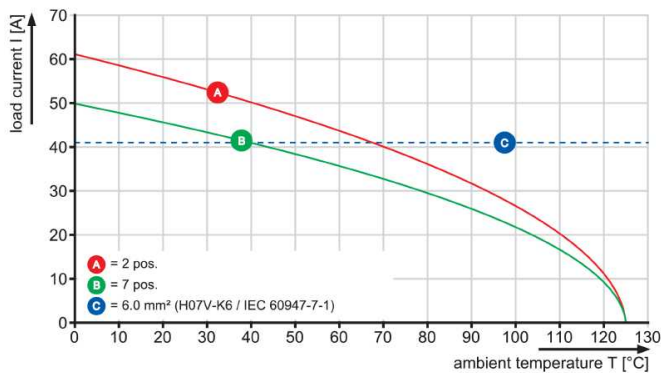
OMNIMATE Power - series BV/SV 7.62HP SVZ 7.62HP/03/180SF SN BK BX

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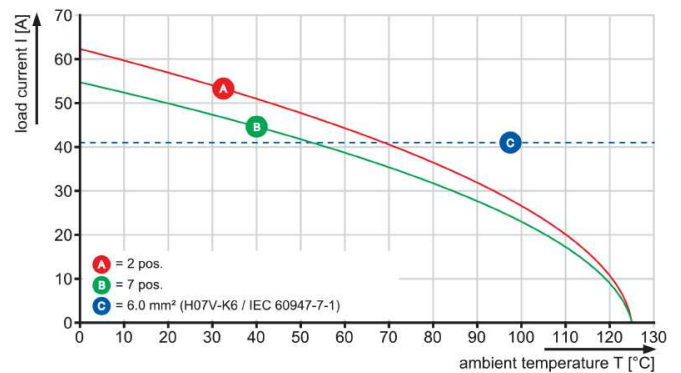
Drawings



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



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



**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

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


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1930170000	PCB plug-in connector,	4032248580040	100 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180SF		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box			8	

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1928850000	PCB plug-in connector,	4032248578207	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/180SFI		female header, Screw/clip-on flange, reversed, Solder connection, 7.62 mm, No.			UL: 300 V / 35 A	
3.5SN BK BX		of poles: 3, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box				

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

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


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1929750000	PCB plug-in connector,	4032248579525	100 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180SFC		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping			8	
		yoke connection, Clamping				
		range, rated connection,				
		max.: 6 mm ² , Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1929530000	PCB plug-in connector,	4032248578979	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/270SFI		female header, Screw/clip-			UL: 300 V / 35 A	
3.5SN BK BX		on flange, reversed, Solder				
		connection, 7.62 mm, No.				
		of poles: 3, 270°, Solder pin				
		length (l): 3.5 mm, tinned,				
		Black, Box				

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

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Mating connector (fully pluggable)
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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1928510000	PCB plug-in connector,	4032248577736	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/90SFI		female header, Screw/clip-			UL: 300 V / 35 A	
3.5SN BK BX		on flange, reversed, Solder				
		connection, 7.62 mm, No.				
		of poles: 3, 90°, Solder pin				
		length (l): 3.5 mm, tinned,				
		Black, Box				

OMNIMATE Power - series BV/SV 7.62HP SVZ 7.62HP/03/180SF SN BK BX

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Mating connector (conditionally pluggable)

BVZ 7.62HP 180SH150 SN



High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1929850000	PCB plug-in connector,	4032248579624	50 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180RSH160		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping			8	
		yoke connection, Clamping				
		range, rated connection,				
		max.: 6 mm ² , Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1929310000	PCB plug-in connector,	4032248578658	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/270		female header, closed side,			UL: 300 V / 35 A	
3.5SN BK BX		Solder connection, 7.62				
		mm, No. of poles: 3, 270°,				
		Solder pin length (l): 3.5				
		mm, tinned, Black, Box				

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1928740000	PCB plug-in connector,	4032248578092	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/180FI		female header, Clip-on			UL: 300 V / 35 A	
3.5SN BK BX		flange, inverted, Solder connection, 7.62 mm, No. of poles: 3, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1928290000	PCB plug-in connector,	4032248577491	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/90		female header, closed side,			UL: 300 V / 35 A	
3.5SN BK BX		Solder connection, 7.62 mm, No. of poles: 3, 90°, Solder pin length (l): 3.5 mm, tinned, Black, Box				

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

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


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1933380000	PCB plug-in connector,	4032248585717	50 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180SH180C		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box			8	

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1928400000	PCB plug-in connector,	4032248577620	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/90FI		female header, Clip-on flange, inverted, Solder connection, 7.62 mm, No.			UL: 300 V / 35 A	
3.5SN BK BX		of poles: 3, 90°, Solder pin length (l): 3.5 mm, tinned, Black, Box				

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

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Mating connector (conditionally pluggable)
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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1928620000	PCB plug-in connector,	4032248577972	100 pc(s).	IEC: 1000 V / 41 A	Box
7.62HP/03/180		female header, closed side,			UL: 300 V / 35 A	
3.5SN BK BX		Solder connection, 7.62 mm, No. of poles: 3, 180°, Solder pin length (l): 3.5 mm, tinned, Black, Box				

BVZ 7.62HP 180SH210 SN


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1933430000	PCB plug-in connector,	4032248585816	50 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180RSH200		female plug, 7.62 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box			UL: 600 V / 40.5 A / AWG 24 - AWG 8	
SN BK BX						

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

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Mating connector (conditionally pluggable)
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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVL	1929420000	PCB plug-in connector, female header, Clip-on flange, inverted, Solder connection, 7.62 mm, No. of poles: 3, 270°, Solder pin length (l): 3.5 mm, tinned, Black, Box	4032248578764	100 pc(s).	IEC: 1000 V / 41 A UL: 300 V / 35 A	Box
7.62HP/03/270FI						
3.5SN BK BX						

BVZ 7.62HP 180(S)FC SN


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1929640000	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box	4032248578870	100 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ² UL: 600 V / 40.5 A / AWG 24 - AWG 8	Box
7.62HP/03/180FC						
SN BK BX						

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

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Mating connector (conditionally pluggable)
BVZ 7.62HP 180 SN


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1929940000	PCB plug-in connector,	4032248579723	100 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box			8	

BVZ 7.62HP 180SH210C SN


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1933470000	PCB plug-in connector,	4032248585854	50 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180SH200C		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box			8	

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

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


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1929890000	PCB plug-in connector,	4032248579679	50 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180SH160C		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box			8	

BVZ 7.62HP 180F SN


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1930060000	PCB plug-in connector,	4032248579839	100 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180F		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box			8	

**OMNIMATE Power - series BV/SV 7.62HP
SVZ 7.62HP/03/180SF SN BK BX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Mating connector (conditionally pluggable)
BVZ 7.62HP 180SH180 SN


High-performance female header with the proven, 100% maintenance-free Weidmüller steel clamping yoke. Side-by-side mounting without sacrificing any poles or with patented multifunction flange for secure, fast fixing without tools. Maximum operating reliability thanks to 100% false insertion-proof mating profile, unique coding diversity, incorrect wiring protection, 4-point contact. Suitable for labelling.

- 0.20 - 6 mm² (IEC) / 22 - 10 AWG (UL)
- 800 V (IEC) / 600 V (UL)
- 41 A (IEC) / 35 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BVZ	1933340000	PCB plug-in connector,	4032248585373	50 pc(s).	IEC: 1000 V / 41 A / 0.2 - 6 mm ²	Box
7.62HP/03/180RSH180		female plug, 7.62 mm, No.			UL: 600 V / 40.5 A / AWG 24 - AWG	
SN BK BX		of poles: 3, 180°, Clamping			8	
		yoke connection, Clamping				
		range, rated connection,				
		max.: 6 mm ² , Box				