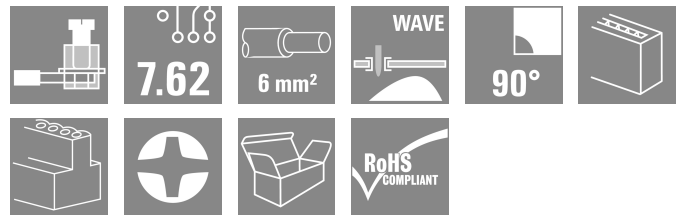
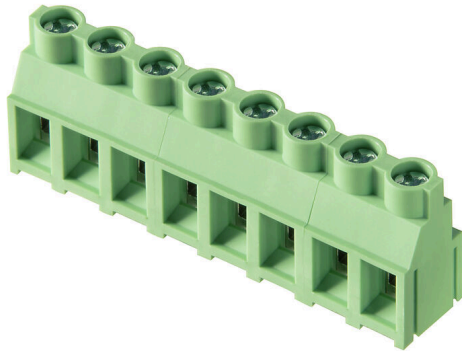


**TPS 7.62/08/90 5.0SN GN BX**

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

www.weidmueller.com



**General ordering data**

Order No.	2726230000
Type	<a href="#">TPS 7.62/08/90 5.0SN GN BX</a>
GTIN (EAN)	4050118823295
Qty.	48 items
Product data	IEC: 1000 V / 32 A / 0.05 - 6 mm <sup>2</sup> UL: 300 V / 20 A / AWG 30 - AWG 10
Packaging	Box

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E175455

## Dimensions and weights

Depth	12.5 mm	Depth (inches)	0.4921 inch
Height	21.5 mm	Height (inches)	0.8465 inch
Width	60.96 mm	Width (inches)	2.4 inch
Net weight	22.7 g		

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8ca8b50-189f-4e0d-bdaa-5c8b34abe5bd

## System parameters

Product family	OMNIMATE basic – Series TPS	Wire connection method	Clamping yoke connection
Mounting onto the PCB	THT solder connection	Conductor outlet direction	90°
Pitch in mm (P)	7.62 mm	Pitch in inches (P)	0.300 "
Number of poles	8	Pin series quantity	1
Number of rows	1	Solder pin length (l)	5 mm
Solder pin dimensions	0.8 x 1.0 mm	Solder eyelet hole diameter (D)	1.5 mm
Number of solder pins per pole	1	Screwdriver blade	PH 2
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.55 Nm
Clamping screw	M 3	Stripping length	7 mm
L1 in mm	22.86 mm	L1 in inches	0.900 "

## Material data

Insulating material	PA	Colour	Pale green
Colour chart (similar)	RAL 6021	Moisture Level (MSL)	
UL 94 flammability rating	V-0	Contact material	Cu-alloy
Contact surface	tinned	Storage temperature, min.	-40 °C
Storage temperature, max.	70 °C	Operating temperature, min.	105 °C
Operating temperature, max.	-40 °C		

## Conductors suitable for connection

Clamping range, min.	0.05 mm <sup>2</sup>	Clamping range, max.	6 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 10
Solid, min. H05(07) V-U	0.05 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm <sup>2</sup>	w. plastic collar ferrule, DIN 46228 pt 4, max.	4 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm <sup>2</sup>	w. wire end ferrule, DIN 46228 pt 1, max.	4 mm <sup>2</sup>

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**Technical data**

**Rated data acc. to IEC**

Rated current, min. number of poles (Tu=20°C)	32 A	Rated voltage for surge voltage class / pollution degree II/2	1000 V
Rated voltage for surge voltage class / pollution degree III/2	630 V	Rated voltage for surge voltage class / pollution degree III/3	500 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	6 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	6 kV		

**Rated data acc. to UL 1059**

Institute (cURus)	CURUS	Certificate No. (cURus)	E175455
Rated voltage (Use group B / UL 1059)	300 V	Rated current (Use group B / UL 1059)	20 A
Wire cross-section, AWG, min.	AWG 30	Wire cross-section, AWG, max.	AWG 10
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

**Packing**

Packaging	Box	VPE length	170.00 mm
VPE width	130.00 mm	VPE height	50.00 mm

**Important note**

Notes	<ul style="list-style-type: none"> <li>• Only compatible with OMNIMATE basic products</li> <li>• P on drawing = pitch</li> <li>• Rated current related to rated cross-section &amp; min. No. of poles.</li> <li>• 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.</li> <li>• In the case of a two-pole terminal, the insulating body must be held against the terminal when tightening the screw.</li> <li>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months</li> </ul>
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**Classifications**

ETIM 8.0	EC002643	ETIM 9.0	EC002643
ETIM 10.0	EC002643	ECLASS 14.0	27-46-01-01
ECLASS 15.0	27-46-01-01		

Dimensional drawing

