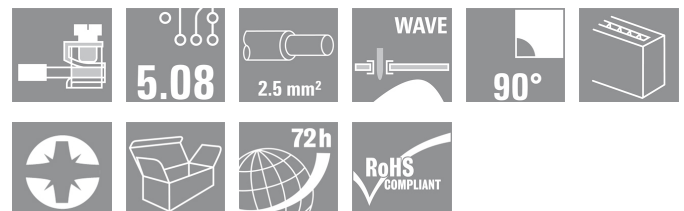


**PM**  
**PM 5.08/03/90 3.5SN OR BX**

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



PCB terminal with leaf spring connection at 5.00 and 5.08 mm pitch. Conductor outlet direction 90°. Suitable for conductor cross-sections up to 2.5 mm<sup>2</sup>.

- 0.13 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 600 V (IEC) / 300 V (UL)
- 24 A (IEC) / 15 A (UL)

#### General ordering data

Order No.	<a href="#">1760500000</a>
Type	PM 5.08/03/90 3.5SN OR BX
Version	PCB terminal, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.5 mm, tinned, Orange, Pressure clamp connection, Clamping range, rated connection, max.: 2.5 mm <sup>2</sup> , Box
GTIN (EAN)	4032248032471
Qty.	500 pc(s).
Product data	IEC: 600 V / 24 A / 0.13 - 2.5 mm <sup>2</sup> UL: 300 V / 15 A / AWG 26 - AWG 14
Packaging	Box

Creation date March 25, 2013 4:27:04 PM CET

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**Technical data**
**Dimensions and weights**

Net weight 2.502 g

**System characteristics**

Product family	PM	Conductor connection system	Pressure clamp connection
Mounting onto the PCB	Solder connection	Outgoing direction of conductor	90°
Pitch in mm (P)	5.08 mm	Pitch in inches (P)	0.2 inch
No. of poles	3	Fitted by customer	Yes
Max. adjacent poles per row	24	Number of rows	1
Solder pin length (l)	3.5 mm	Solder eyelet hole diameter (D)	1.3 mm
Solder eyelet hole diameter tolerance (D)+	0,1 mm	Number of solder pins per pole	1
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	6 mm
L1 in mm	10.16 mm	L1 in inches	0.4 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	Wemid (PA)	Colour	Orange
UL 94 flammability rating	V-0	CTI	≥ 600
Contact material	Copper alloy	Contact surface	tinned
Contact base material	Copper alloy		

**Connectable conductors**

Clamping range, rated connection, min.	0.13 mm <sup>2</sup>	Clamping range, rated connection, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14
Solid, min. H05(07) V-U	0.13 mm <sup>2</sup>	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.13 mm <sup>2</sup>	Flexible, max. H05(07) V-K	2.5 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.	1.5 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.	1.5 mm <sup>2</sup>

**DIN IEC rating data**


Rated current, min. no. of poles (Tu=20°C)	24 A	Rated current, max. no. of poles (Tu=20°C)	24 A
Rated current, number of poles (Tu=40°C), min	24 A	Rated current, number of poles (Tu=40°C), max.	24 A
Rated voltage for surge voltage class / pollution degree II/2	600 V	Rated voltage for surge voltage class / pollution degree III/2	250 V
Rated voltage for surge voltage class / pollution degree III/3	250 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	4 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

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**Technical data**

**CSA rating data**

Institute (CSA)		Rated voltage (Use group B)	300 V
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 14		

**UL 1059 rating data**

Rated voltage (use group B)	300 V	Rated current (use group B)	15 A
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 14

**Classifications**

ETIM 3.0	EC001284	UNSPSC	30-21-18-01
eClass 6.0	27-26-11-01	eClass 7.0	27-44-04-01

**Notes**

- Notes
- 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
  - The data given under CSA relates to a cUL approval - E60693
  - 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**



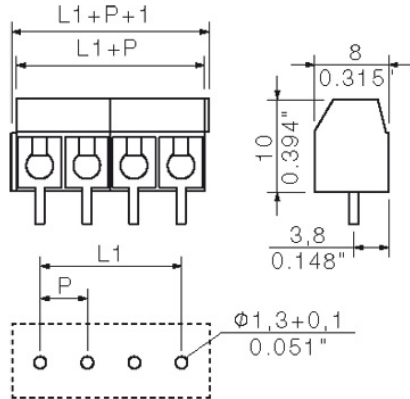
**Downloads**

- CAD Library (P-CAD Format - ASCII) [PM.LIA](#)
- CAD Library (P-CAD Format - Standard) [PM.lib](#)
- [3-D model](#)

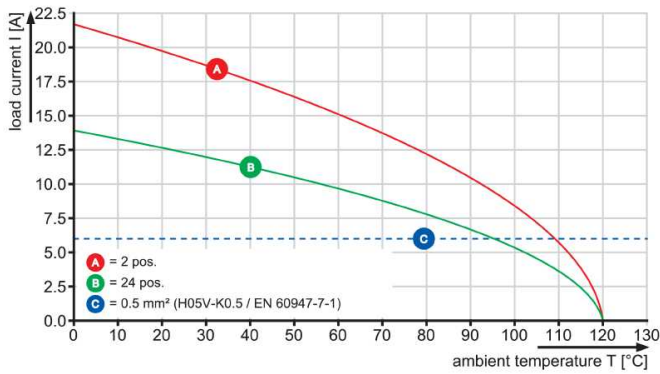
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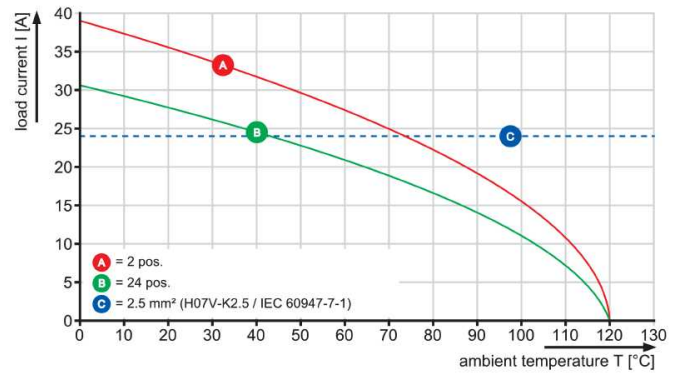
**Drawings**



PM 5.00/./90 & PM 5.08/./90



PM 5.00/./90 & PM 5.08/./90





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