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PM 5.08/../90



PCB terminal with leaf spring screw connection in 5.00 and 5.08 mm pitches for wire cross-sections up to 2.5 mm².

- Increased derating reserves through the use of WEMID insulating material
- Wire outlet direction: 90° version
- 2- and 3-pole block construction can be aligned together for higher pole counts.

Product data

IEC: 600 V / 24 A / 0.13 - 2.5 mm² UL: 300 V / 15 A / AWG 26 - 14



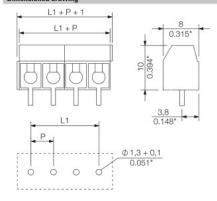
For additional articles and information, refer to catalog.weidmueller.com

- 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.
- \bullet Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months

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Technical data

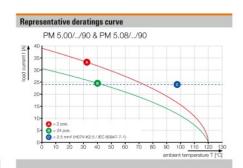
Solid core H05(07) V-U Stranded H07 V-R Flexible H05(07) V-K Flexible with ferrule Flexible with ferrule Flexible with ferrule Flexible with plastic collar Stripping length Screwdriver blade According to norm Tightening torque range Rated current, max. A 24 24 At ambient temperature For conductor cross-section Overvoltage category Pollution severity A 2 250 250 600 Rated with plastic collar Stripping length Mm 6 Screwdriver blade Mm 0.6 x 3.5 DIN 5264 Tightening torque range Nm 0.40.5 Rated current, max. A 24 24 Rated current, max. A 24 24 Rated wortage volution severity A 2 250 250 600 Rated woltage V 250 250 600 Rated woltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated woltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Isa Group) Rated woltage V 300 300 Copper alloy tinned Pin dimensions = d mm 1.0 Solder eyelet ∅ − D mm 1.3	In compliance with IEC 60664-1	/ IEC 61984	1		
Stranded H07 V-R Flexible H05(07) V-K mm² 0.132.5 Flexible with ferrule mm² 0.251.5 Ferrule with plastic collar mm² 0.251.5 Stripping length mm 6 x3.5 Screwdriver blade mm 0.6 x 3.5 DIN 5264 Tightening torque range Nm 0.40.5 Nm Rated current, max. A 24 24 At ambient temperature 20°C 40°C For conductor cross-section 0vervoltage category IIII III III Pollution severity 3 2 2 2 250 250 250 250 260 Rated voltage V 250 250 250 260 300 <th>Clamping range, max.</th> <th>mm²</th> <th colspan="3">0.132.5</th>	Clamping range, max.	mm ²	0.132.5		
Flexible H05(07) V-K Flexible with ferrule Ferrule with plastic collar Ferrule with plastic collar Ferrule with plastic collar Formule with plastic	Solid core H05(07) V-U	mm ²	0.132.5		
Flexible with ferrule mm²	Stranded H07 V-R				
Ferrule with plastic collar Stripping length According to norm Tightening torque range Rated current, max. A 24 24 At ambient temperature For conductor cross-section Overvoltage category Pollution severity Rated voltage V 250 250 600 Rated voltage V 250 250 600 Rated woltage V 300 300 Rated voltage V 300 300 Rated voltage V 300 300 Rated current A 15 10 AWG conductor CSA (Use Group) Rated voltage V 300 300 CSA (Use Group) Rated voltage V 300 300 Rated voltage V 300 300 CSA (Use Group) Rated voltage V 300 300 Rated voltage V 300 300 Rated voltage V 300 300 CSP (Use Group) Rated voltage V 300 300 CSP (Use Group) Rated voltage V 300 300 Rated voltage V 300 300 CSP (Use Group) Rated voltage V 300 300 CSP (Use Group) Rated voltage V 300 300 Rated voltage V 300 300 CSP (Use Group) Rated voltage Rated voltage V 300 300 CSP (Use Group) Rated voltage Rated voltage Rated voltage V 300 300 Rated voltage Rated vol	Flexible H05(07) V-K	mm ²	0.132.5		
Stripping length mm 6 Screwdriver blade mm 0.6 x 3.5 DIN 5264 DIN 5264 Tightening torque range Nm 0.40.5 Rated current, max. A 24 24 At ambient temperature 20°C 40°C For conductor cross-section 0vervoltage category III III II II III II II III II II III II II <td>Flexible with ferrule</td> <td>mm²</td> <td colspan="2">0.251.5</td>	Flexible with ferrule	mm ²	0.251.5		
Screwdriver blade	Ferrule with plastic collar	mm ²	0.251.5		
According to norm Tightening torque range Rated current, max. A 24 24 24 At ambient temperature For conductor cross-section Overvoltage category Pollution severity 3 2 2 2 Rated voltage V 250 250 600 Rated impulse voltage Rated woltage V 250 250 600 Rated woltage V 300 300 Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated current A 15 10 Copper alloy Copper alloy Material of contact surface Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm I 1.3	Stripping length	mm	6		
Tightening torque range Rated current, max. A 24 24 At ambient temperature For conductor cross-section Overvoltage category Pollution severity Rated voltage Rated current Rated voltage Rated current Rated voltage Rated current Rated voltage Rated current Rated voltage Rated vol	Screwdriver blade	mm	0.6 x 3.5		
Rated current, max. A 24 24 Core 24 Core 24 Core 24 Core 20 Core 40 Core 20 Core	According to norm		DIN 5264		
At ambient temperature For conductor cross-section Overvoltage category Pollution severity Rated voltage V 250 250 600 Rated impulse voltage V 250 250 600 Rated doubles V 4 4 4 4 UL/CUL (Use Group) Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated voltage V 300 300 Rated voltage V 300 300 CSA (Use Group) Rated voltage V 300 300 Rated voltage V 300 300 CSA (Use Group) Rated voltage V 300 300 CSA (Use Group) Rated voltage V 300 300 Rated voltage V 300 30	Tightening torque range	Nm	0.40.5		
For conductor cross-section Overvoltage category Pollution severity Rated voltage V 250 250 600 Rated impulse voltage V 4 4 4 UL/CUL(Use Group) Rated voltage V 300 300 Rated current AMG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated current AMG 26-14 CSA (Use Group) Rated voltage V 300 300 Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) Rated current A 15 10 CSA (Use Group) Rated current A 15 0 CSA (Use Group) Rated curr	Rated current, max.	Α	24		24
Overvoltage category	At ambient temperature		20°C		40°0
Pollution severity 3 2 2 Rated voltage V 250 250 600 Rated impulse voltage kV 4 4 4 UL / CUL (Use Group) B C D Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) B C D Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) B C D Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 CGA (Use Group) B C D Rated voltage V 300 300 COPPET STORM STO	For conductor cross-section				
Rated voltage	Overvoltage category		III	III	H
Rated impulse voltage	Pollution severity		3	2	2
UL / CUL (Use Group)	Rated voltage	V	250	250	600
Rated voltage	Rated impulse voltage	kV	4	4	4
Rated current A 15 10 AWG conductor AWG 26-14 CSA (Use Group) B C D Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 26-14 General data Type of insulation material Wemid (PA) UL 94 flammability rating V-0 Copper alloy Contact base material Copper alloy tinned Material of contact surface mm 1.0 Solder eyelet Ø = D mm 1.3	UL / CUL (Use Group)		В	C	D
AWG conductor AWG 26-14 CSA (Use Group) B C D Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 General data Type of insulation material Wemid (PA) UL 94 flammability rating V-0 Contact base material Copper alloy Material of contact surface tinned Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm 1.3	Rated voltage	V	300		300
CSA (Use Group) B C D Rated voltage V 300 300 Rated current A 15 10 AWG conductor AWG 26-14 General data Type of insulation material UL 94 flammability rating V-0 Contact base material Copper alloy Material of contact surface tinned Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm 1.3	Rated current	Α	15		10
Rated voltage	AWG conductor	AWG		26-14	
Rated current	CSA (Use Group)			C	
AWG conductor AWG 26-14 General data Type of insulation material UL 94 flammability rating Contact base material Material of contact surface Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm 1.3	Rated voltage	V	300		300
General data Type of insulation material UL 94 flammability rating Contact base material Material of contact surface Pin dimensions = d Solder eyelet Ø = D Wemid (PA) V-0 Copper alloy tinned 1.0 Solder eyelet Ø = D	Rated current	A	15		10
Type of insulation material Wemid (PA) UL 94 flammability rating V-0 Contact base material Copper alloy Material of contact surface tinned Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm 1.3	AWG conductor	AWG		26-14	
UL 94 flammability rating	General data				
Contact base material Copper alloy Material of contact surface tinned Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm 1.3	Type of insulation material		The second secon		
Material of contact surface tinned Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm 1.3	UL 94 flammability rating		V-0		
Pin dimensions = d mm 1.0 Solder eyelet Ø = D mm 1.3	Contact base material		Copper alloy		
Solder eyelet Ø = D mm 1.3	Material of contact surface		tinned		
	Pin dimensions = d	mm	1.0		
Solder eyelet Ø tolerance mm + 0,1	Solder eyelet $\emptyset = D$	mm	1.3		
	Solder eyelet Ø tolerance	mm		+ 0,1	

Accessories

Screwdriver		Order No.
0	SDIS 0.6X3.5X100	2749810000
1		

Ordering data

Solder pin	3.5 mm			
Colour				orange
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	500	1760490000
3	10.16	0.400	500	1760500000
4	15.24	0.600	100	1234550000
5	20.32	0.800	100	1234570000
6	25.40	1.000	100	1234580000
7	30.48	1.200	100	1234590000
8	35.56	1.400	100	1234600000
9	40.64	1.600	100	1234610000
10	45.72	1.800	50	1234620000
11	50.80	2.000	100	1234630000
12	55.88	2.200	100	1234640000



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