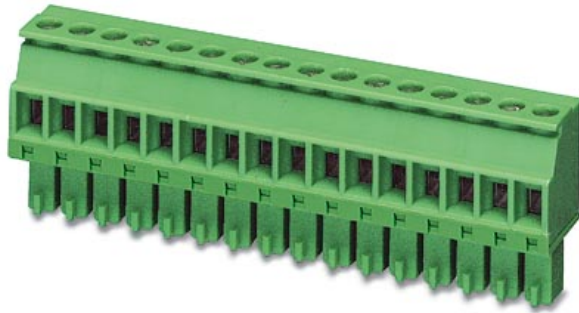


## ► General data

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Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, type of connection: Screw connection

Order number	1863181
Type	MCVR 1,5/ 5-ST-3,5

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Barcode number	4017918120993
Unit pack	50 Pcs.
Customs tariff	85369010000

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## ► Technical data

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### Dimensions / positions

Height	12.5 mm
Pitch	3.5 mm
Dimension a	14 mm
Number of positions	5
Screw thread	M 2
Tightening torque	0.22 Nm

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### Technical data

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal voltage $U_N$	160 V
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A (with 1.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	7 mm

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### Connection data

Min. conductor cross section, rigid	0.14 mm <sup>2</sup>
Conductor cross section, rigid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Max. conductor cross section, flexible	1.5 mm <sup>2</sup>
Min. conductor cross section, flexible, with ferrule with plastic sleeve	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Max. conductor cross section, flexible, with ferrule with plastic sleeve	0.5 mm <sup>2</sup>
Min. conductor cross section AWG/kcmil	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.5 mm <sup>2</sup>
2 conductors of the same cross section, flexible, min.	0.08 mm <sup>2</sup>
2 conductors with same cross section, flexible max.	0.75 mm <sup>2</sup>
2 conductors of the same cross section, flexible, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with identical cross section, flexible, ferrules with plastic sleeve, max.	0.34 mm <sup>2</sup>
2 conductors of the same cross section, flexible, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with identical cross section, flexible TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>

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## ► Certificates

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### UL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A
AWG/kcmil	30-14

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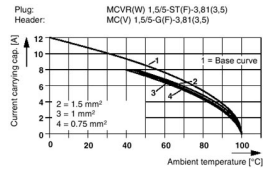
### CUL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	8 A
AWG/kcmil	30-14

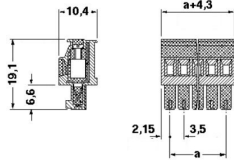
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## ▸ Drawings

### Diagram



### Dimensioned drawing



### Approval logo



## ► Accessories

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Item	Designation	Description
<b>Marking</b>		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804073	SK 3,5/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks
0805030	SK 3,5/2,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip.
0803883	SK U/2,8 WH:UNBEDRUCKT	Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 50 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN
<b>Tools</b>		
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade: 0.4 x 2.5 mm

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## ► Additional products

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Item	Designation	Description
<b>General</b>		
1897128	EMC 1,5/ 5-G-3,5	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: press in
1911046	EMCV 1,5/ 5-G-3,5	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: press in
1844249	MC 1,5/ 5-G-3,5	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: Soldering
1843635	MCV 1,5/ 5-G-3,5	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 5, mounting: Soldering

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## ► Address

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