

MC 1,5/ 9-ST-3,81

Order No.: 1803646

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1803646>Plug component, nominal current: 8 A, rated voltage: 160 V, pitch:
3.81 mm, no. of positions: 9, type of connection: Screw connection

Commercial data	
EAN	4017918045951
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.00693 KG
Catalog page information	Page 126 (CC-2007)

Product notesWEEE/RoHS-compliant since:
01/01/2003

<http://www.download.phoenixcontact.com>
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Technical data

Dimensions / positions	
Height	11.1 mm
Pitch	3.81 mm
Dimension a	30.48 mm
Number of positions	9
Screw thread	M 2

Tightening torque, min	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 ²
Maximum load current	8 A (with 1.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.08 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²

2 conductors with same cross section, stranded min.	0.08 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²

Certificates / Approvals

Approval logo



CSA

Nominal voltage U _N	300 V
Nominal current I _N	8 A
AWG/kcmil	28-16

CUL

Nominal voltage U _N	300 V
Nominal current I _N	8 A
AWG/kcmil	30-14

UL

Nominal voltage U _N	300 V
Nominal current I _N	8 A
AWG/kcmil	30-14
Certification	CB, CSA, CUL, GOST, UL, VDE-PZI

1803497	MCV 1,5/ 9-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 9, mounting: Soldering
1837502	MCVDU 1,5/ 9-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 9, mounting: Soldering
1832808	MCVK 1,5/ 9-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 9, mounting: Mounting rail
1827347	SMC 1,5/ 9-G-3,81	Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 9, mounting: Soldering

Drawings

Dimensioned drawing

