

MCVW 1,5/14-ST-3,81


Order No.: 1827091

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1827091>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V,
Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw
connection, Color: green

Commercial data

GTIN (EAN)	
sales group	E101
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 181 (CC-2011)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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

Dimensions / positions

Height	12.5 mm
Pitch	3.81 mm
Dimension a	49.53 mm
Number of positions	14

Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Range of articles	MCVW 1,5/..-ST
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
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

Accessories

Item	Designation	Description
Marking		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804109	SK 3,81/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks
0805056	SK 3,81/2,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip, color: White

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 B-STIFT or X-PEN
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Tools

1205037	SZS 0,4X2,5 VDE	Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip
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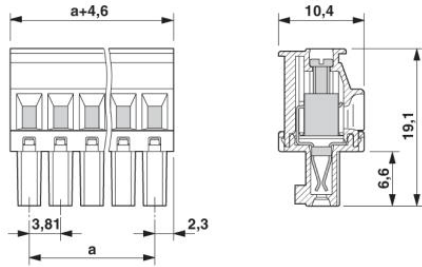
Additional products

Item	Designation	Description
General		
1897924	EMC 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Press-in
1860760	EMCV 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Press-in
1858002	IMC 1,5/14-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Connection method: Screw connection, Color: green
1803390	MC 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1830075	MCD 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1843198	MCD 1,5/14-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1830525	MCDV 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1847851	MCDV 1,5/14-G1-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.
1803549	MCV 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering
1837557	MCVDU 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering

1832853	MCVK 1,5/14-G-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: DIN rail
1827392	SMC 1,5/14-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 14, Pitch: 3.81 mm, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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