Base strip - MCVU 1,5/ 8-GFD-3,81 - 1833085

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The figure shows a 10-position version of the product

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

Why buy this product

- Shock-proof connection block in combination with MC plug-in system
- Version with threaded flange
- Direct plug-in block with mounting flanges for screw connection on mounting plates or unit housing

Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 227 (CC-2011)
GTIN	4 017918 051778
Custom tariff number	85369010
Country of origin	POLAND

Technical data

Dimensions / positions

Pitch	3.81 mm
Dimension a	26.67 mm
Number of positions	8
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Range of articles	MCVU 1,5/..-GFD
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV

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Technical data

Technical data

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 mm²
Maximum load current	8 A
Insulating material	PA
Inflammability class according 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 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Minimum AWG according to UL/CUL	30

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Connection data

Maximum AWG according to UL/CUL	14

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

Approvals

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CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECEE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA

	B	D
mm²/AWG/kcmil	28-16	28-16
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

UL Recognized

	B	D
mm²/AWG/kcmil	30-14	30-14
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-1.5
Nominal current IN	8 A
Nominal voltage UN	160 V

cUL Recognized

	B	D
mm²/AWG/kcmil	30-14	30-14
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

GOST

IECEE CB Scheme

mm²/AWG/kcmil	0.2-1.5
Nominal current IN	8 A
Nominal voltage UN	160 V

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Approvals

GOST

cULus Recognized

Accessories

Accessories

Marking

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109

Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm

Plug/Adapter

Coding profile - CP-MSTB - 1734634

Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

Tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037

Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Additional products

Base strip - MCVU 1,5/ 8-GFD-3,81 - 1833085

Accessories

Printed-circuit board connector - MCVW 1,5/ 8-STF-3,81 - 1828553

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

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Printed-circuit board connector - MC 1,5/ 8-STF-3,81 - 1827761

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

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Printed-circuit board connector - MCVR 1,5/ 8-STF-3,81 - 1828401

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

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Printed-circuit board connector - FRONT-MC 1,5/ 8-STF-3,81 - 1850916

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

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Printed-circuit board connector - FK-MCP 1,5/ 8-STF-3,81 - 1851290

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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Printed-circuit board connector - QC 0,5/ 8-STF-3,81 - 1897607

Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 8, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

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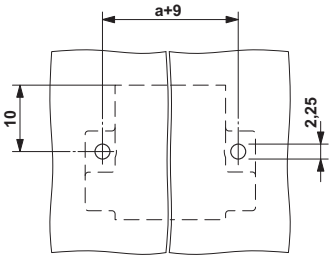
Accessories

Printed-circuit board connector - MCC 1/ 8-STZF-3,81 - 1852422

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

Drawings

Drilling diagram



Dimensioned drawing