

Base strip - SMC 1,5/ 5-G-3,81 - 1827305

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering



The figure shows a 10-position version of the product

Why buy this product

- Versions with engagement noses for locking plugs with self-locking flanges
- Low-profile pin strips with compact pitches



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 215 (CC-2011)
GTIN	 4 017918 114428
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	13.1 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Number of positions	5
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

Technical data

Range of articles	SMC 1,5/...-G
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

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Technical data

Technical data

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
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	green
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

Classifications

eclass

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

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

unspsc

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

Approvals

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CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECEE CB Scheme / UL Recognized / GOST / cULus Recognized


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Approvals


Ex Approvals


Approvals submitted

Approval details

CSA 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

UL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

VDE report with production monitoring 	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

cUL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

GOST 		
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IECEE CB Scheme	
Nominal current I _N	8 A

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Approvals

Nominal voltage UN	160 V
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UL Recognized		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

GOST		
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cULus Recognized		
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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

Marker cards - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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Accessories

Plug/Adapter

Coding profile - CP-MSTB - 1734634



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

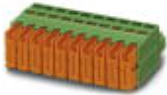
Additional products

Printed-circuit board connector - MC 1,5/ 5-ST-3,81 - 1803604



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 0,5/ 5-ST-3,81 - 1897429



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

Base strip - IMCV 1,5/ 5-G-3,81 - 1875454



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Printed-circuit board connector - MCC 1/ 5-STZ-3,81 - 1852202

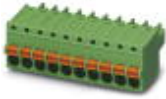


Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859888); 8A/MCC-MT 0,5-1,0 (1859991)

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Accessories

Printed-circuit board connector - FK-MCP 1,5/ 5-ST-3,81 - 1851070



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/ 5-ST-3,81 - 1850699



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 5-ST-3,81 - 1827156



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVW 1,5/ 5-ST-3,81 - 1827004



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - IMC 1,5/ 5-G-3,81 - 1862603

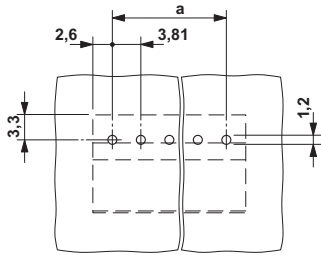


Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

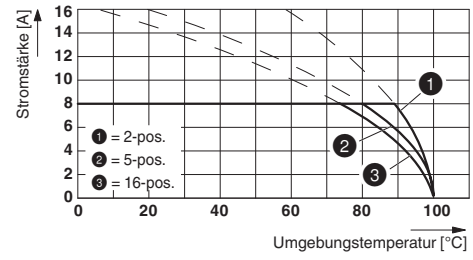
Drawings

Base strip - SMC 1,5/ 5-G-3,81 - 1827305

Drilling diagram



Diagram



Type: FRONT-MC 1,5/...-ST-3,81 with SMC 1,5/...-G-3,81

Dimensioned drawing

