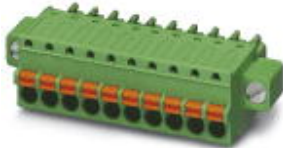


Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

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PCB connector, nominal current: 8 A, number of positions: 15, pitch: 3.81 mm, connection method: Push-in spring connection, color: black, contact surface: Tin



The figure shows a 10-position version of the product

Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Screwable flange for superior mechanical stability
- ✓ Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 451905
GTIN	4017918451905
Weight per Piece (excluding packing)	14.970 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length [l]	20.8 mm
Width [w]	67.54 mm
Height [h]	12.4 mm

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Technical data

Dimensions

Pitch	3.81 mm
Dimension a	53.34 mm

General

Range of articles	FK-MCP 1,5/...STF
Number of positions	15
Connection method	Push-in spring connection
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/3)	160 V
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 cross section	1.5 mm ²
Maximum load current	8 A (with 1.5 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	9 mm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	16

Specifications for ferrules

Recommended crimping pliers	1212034 CRIMPFOX 6
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Technical data

Specifications for ferrules

Ferrules without insulating collar, according to DIN 46228-1	Cross section: 0.25 mm ² ; Length: 7 mm
	Cross section: 0.34 mm ² ; Length: 7 mm
	Cross section: 0.5 mm ² ; Length: 8 mm ... 10 mm
	Cross section: 0.75 mm ² ; Length: 8 mm ... 10 mm
	Cross section: 1 mm ² ; Length: 8 mm ... 10 mm
	Cross section: 1.5 mm ² ; Length: 10 mm

Standards and Regulations

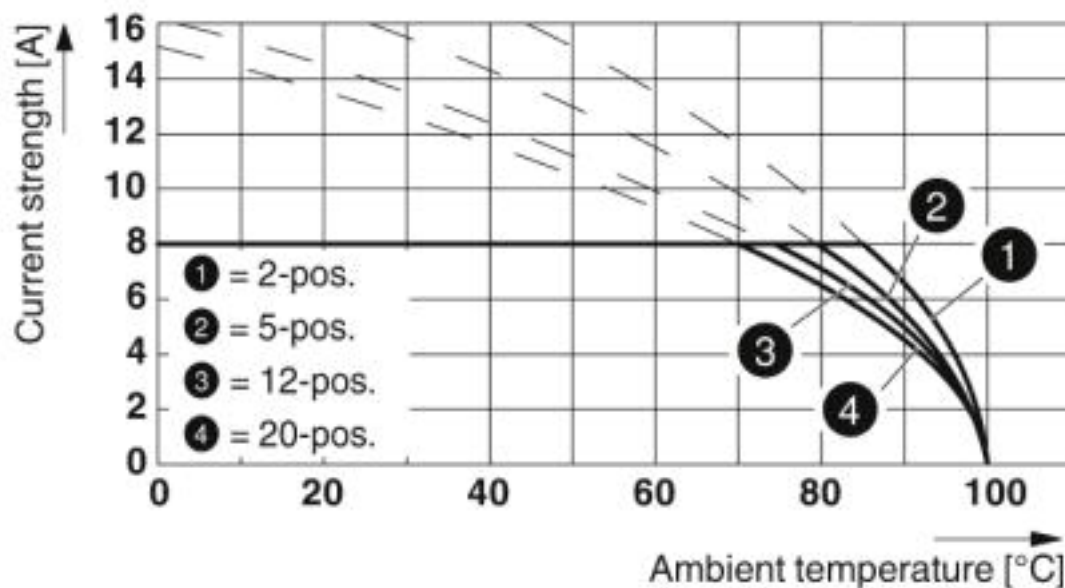
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

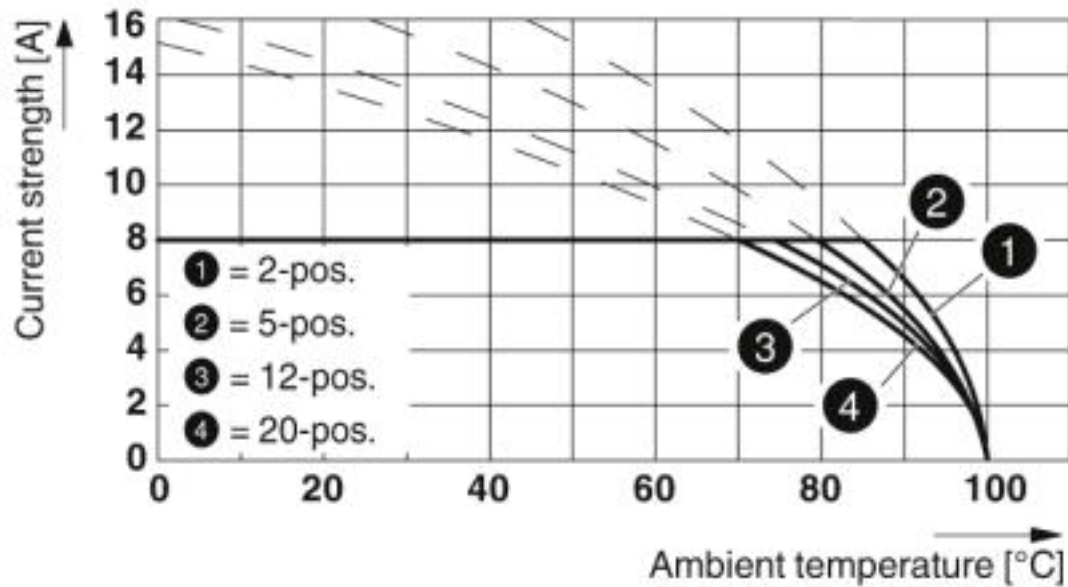
Diagram



Type: FK-MCP 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81 P... THR

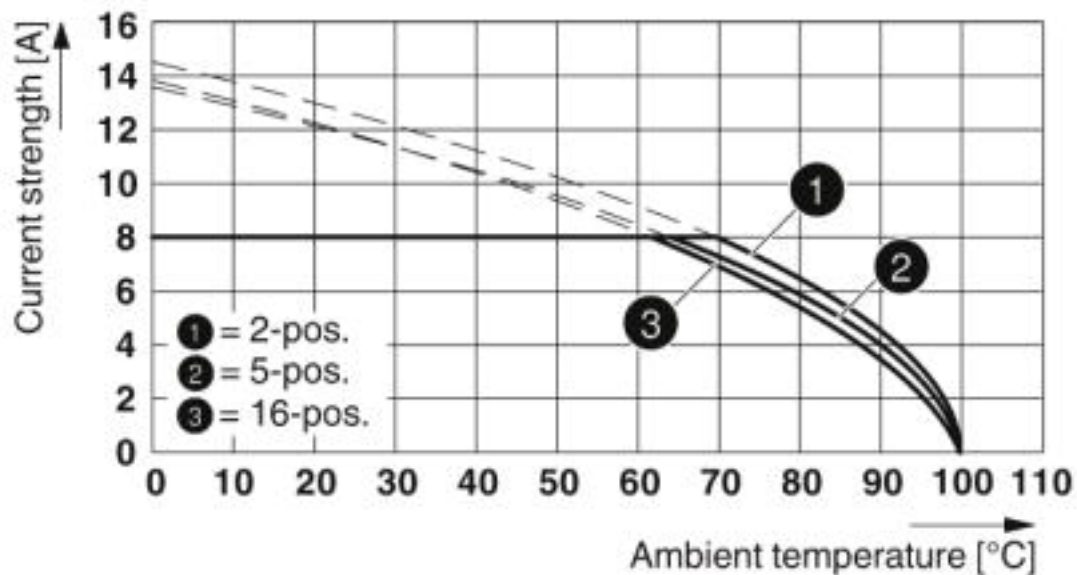
Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

Diagram



Type: FK-MCP 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81 P... THRR...

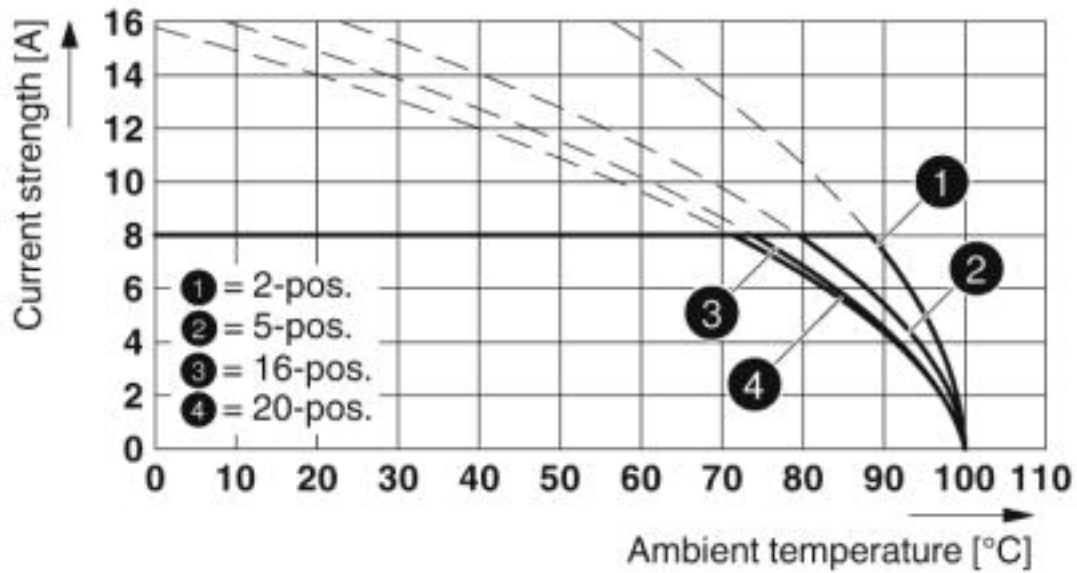
Diagram



Type: FK-MCP 1,5/...-STF-3,81 with DFK-MC 1,5/...-GF-3,81

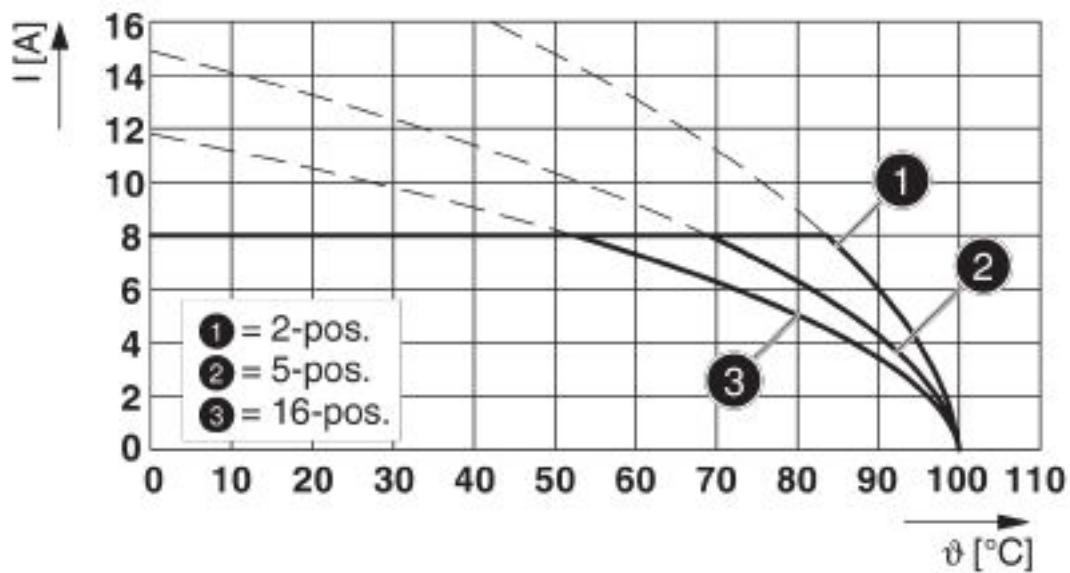
Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

Diagram



Type: FK-MCP 1,5/...-STF-3,81 with MCV 1,5/...-GF-3,81 P...THR

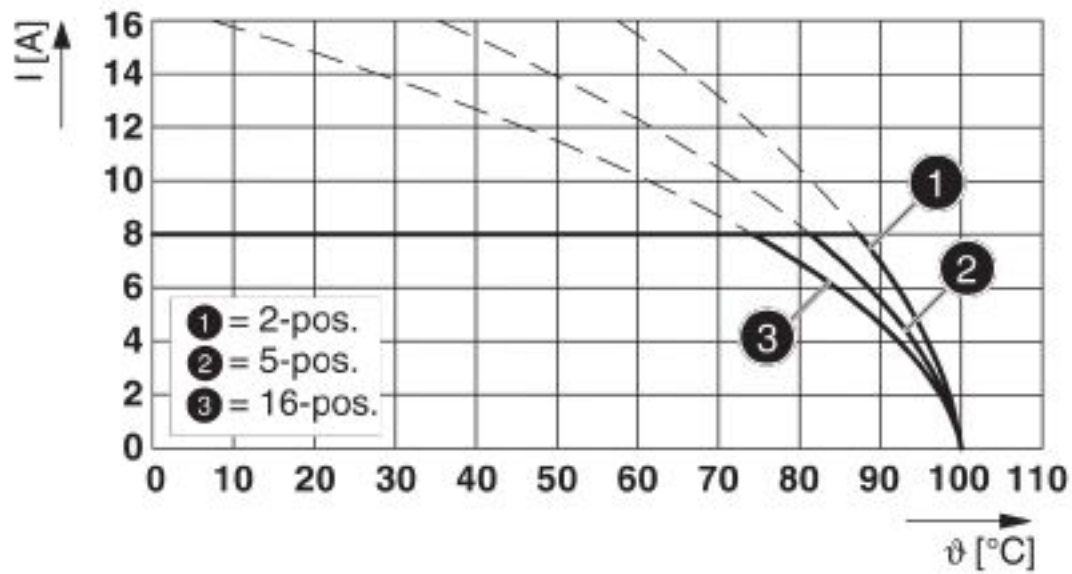
Diagram



Type: FK-MCP 1,5/...-STF-3,81 with MCD 1,5/...-G1F-3,81

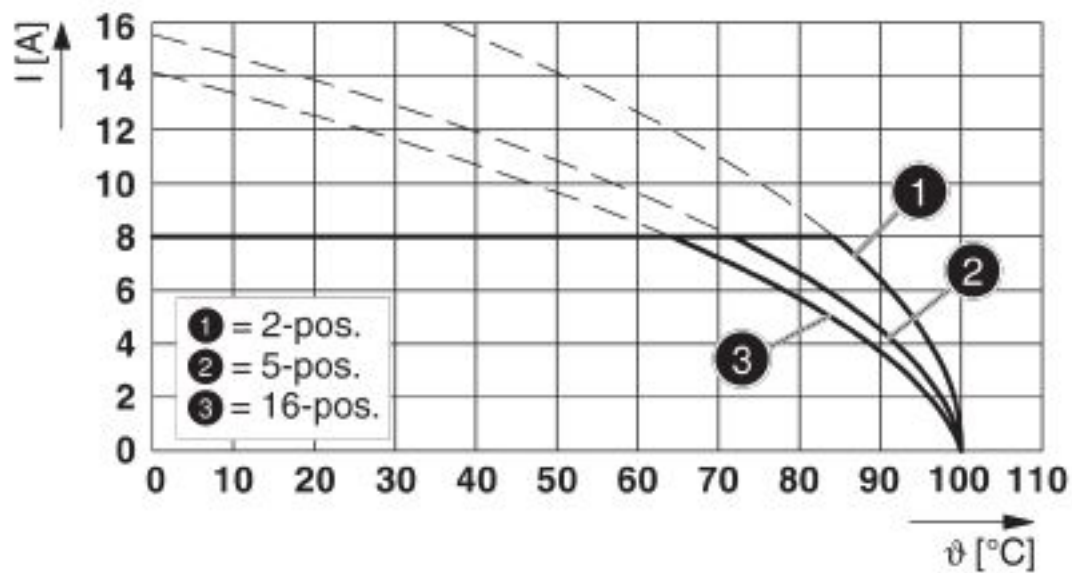
Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

Diagram



Type: FK-MCP 1,5/...-STF-3,81 with SMC 1,5/...-GF-3,81

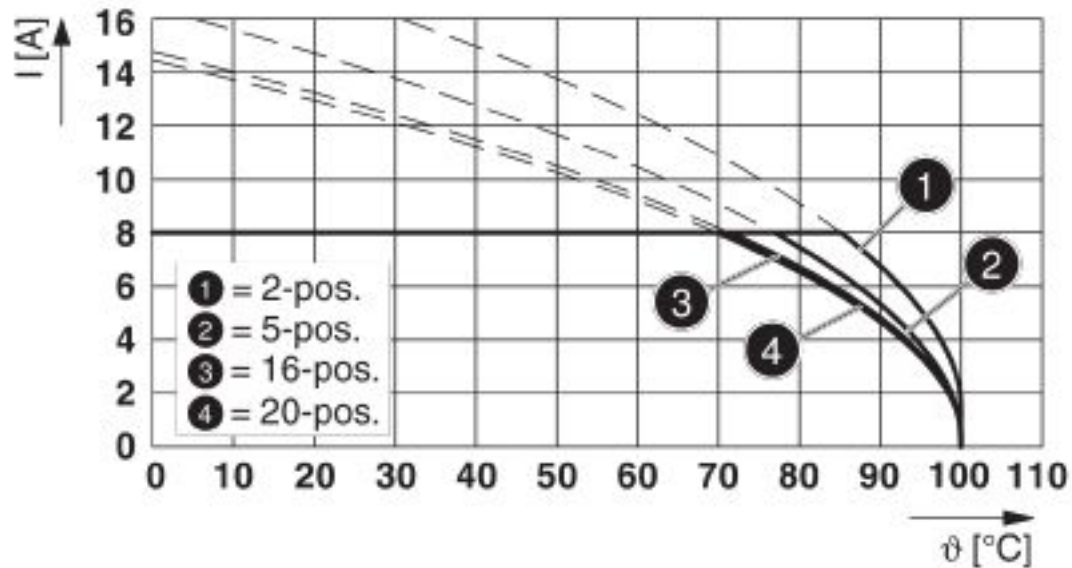
Diagram



Type: FK-MCP 1,5/...-STF-3,81 with MCDV 1,5/...-GF-3,81

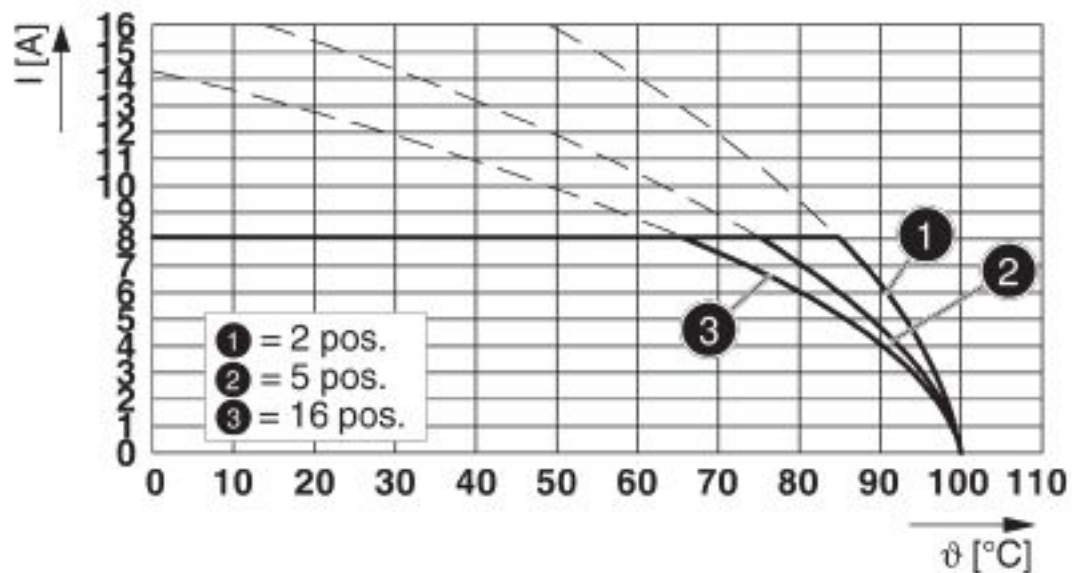
Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

Diagram



Type: FK-MCP 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81

Diagram



Type: FK-MCP 1,5/...-STF-3,81 with MCDV 1,5/...-G1F-3,81

Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

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

Approvals

Approvals

Approvals

CSA / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	
Nominal voltage UN	300 V		
Nominal current IN	8 A		
mm²/AWG/kcmil	28-16		

IECEE CB Scheme		http://www.iecee.org/	DE1-60987-B1B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm²/AWG/kcmil	0.2-1.5		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm²/AWG/kcmil	0.2-1.5		

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920306
		B	
Nominal voltage UN	300 V		
Nominal current IN	8 A		
mm²/AWG/kcmil	28-16		

Accessories

Accessories

Printed-circuit board connector - FK-MCP 1,5/15-STF-3,81 BK - 1911648

Accessories

Labeled terminal marker

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



Marker card, 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, lettering field size: 3.81 x 2.8 mm

Screwdriver tools

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



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