

Plug - FK-MPT 0,5/10-ST-3,5 - 1914001

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PCB connector, nominal current: 4 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm², number of positions: 10, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin




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
- ✓ Potentials can be easily looped through – ideal for BUS applications
- ✓ Small component size for applications where space is at a premium



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 176914
GTIN	4017918176914

Technical data

Item properties

Brief article description	PCB connector
Plug-in system	COMBICON COMPACT PST 1
Type of contact	Female connector
Range of articles	FK-MPT 0,5/...-ST
Pitch	3.5 mm
Number of positions	10
Connection method	Push-in spring connection
Locking	without
Number of levels	1
Number of connections	20
Number of potentials	10

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Technical data

Electrical parameters

Nominal current	4 A
Nom. voltage	250 V
Rated voltage	160 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	250 V
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

Connection capacity

Connection method	Push-in spring connection
pluggable	Yes
Conductor cross section solid	0.12 mm ² ... 0.5 mm ²
Conductor cross section AWG / kcmil	26 ... 20
Stripping length	6.5 mm

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	hot-dip tin-plated

Material data - housing

Housing color	green (6021)
Insulating material	PBT
Insulating material group	IIIa
CTI according to IEC 60112	225
Flammability rating according to UL 94	V0

Dimensions for the product

Length [l]	9.5 mm
Width [w]	35.5 mm
Height [h]	8.5 mm
Pitch	3.5 mm
Height (without solder pin)	8.5 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	50
Denomination packing units	Pcs.

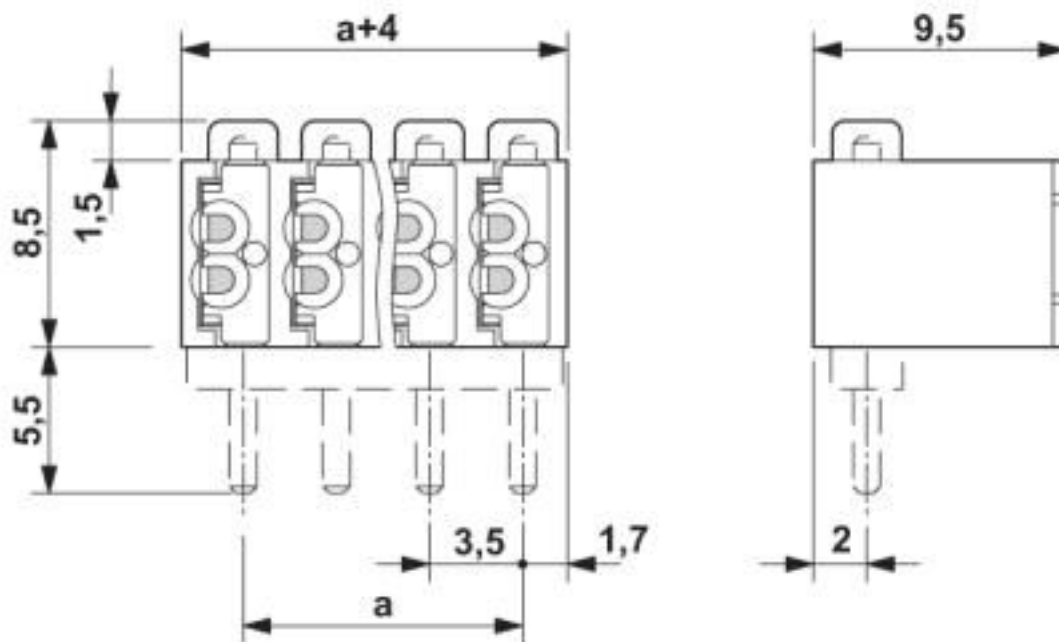
Environmental Product Compliance

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

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Drawings

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440309
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	30211801
UNSPSC 7.0901	39121432

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Classifications

UNSPSC

UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals


Approvals


Approvals


UL Recognized / cUL Recognized / SEV / EAC / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	4 A	4 A	
mm ² /AWG/kcmil	28-20	28-20	


cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	4 A	4 A	
mm ² /AWG/kcmil	28-20	28-20	


SEV		https://www.eurofins.ch/de/	IK-4496
Nominal voltage UN	250 V		

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Approvals

Nominal current IN	4 A
mm ² /AWG/kcmil	0.12-.5

EAC		B.01687
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IECEE CB Scheme		http://www.iecee.org/	CH-10786
Nominal voltage UN	250 V		
Nominal current IN	4 A		
mm ² /AWG/kcmil	0.12-.5		

cULus Recognized	
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Accessories

Accessories

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Additional products

Pin strip - PST 1,0/10-3,5 R56 - 1720288



Pin strip, nominal current: 8 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm², number of positions: 10, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 3.8 mm. The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

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Accessories

Pin strip - PST 1,0/10-3,5 - 1945177



Pin strip, nominal current: 8 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm², number of positions: 10, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 3.8 mm, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

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