

Plug-in block - UMSTBVK 2,5/ 3-G-5,08 - 1788127

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail


The figure shows a 10-position version of the product

Why buy this product

- Can be combined with COMBICON plugs with 5.08 mm pitch
- With universal foot for mounting on NS 32 or NS 35 DIN rails



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 043186
GTIN	4017918043186
Weight per Piece (excluding packing)	10.760 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Environmental Product Compliance

China RoHS	Hazardous substances above threshold values;
	Environmentally Friendly Use Period = 50;
	For details go to tab "Downloads", Category "Manufacturer's declaration"

Dimensions

Width	42.5 mm
Pitch	5.08 mm
Dimension a	10.16 mm

General

Range of articles	UMSTBVK 2,5/..-G
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Technical data

General

Type of contact	Male connector
Number of positions	3
Connection method	Screw connection with tension sleeve
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 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.	2.5 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.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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.	1 mm ²

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Technical data

Connection data

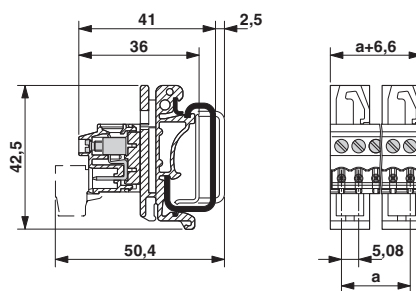
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Standards and Regulations

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

Drawings

Dimensional drawing



Classifications

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
eCl@ss 8.0	27141106
eCl@ss 9.0	27141106

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC001284

UNSPSC

UNSPSC 6.01	30211810
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Classifications

UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

Approval details


CSA http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing 13631		
	B	D
mm ² /AWG/kcmil	28-12	28-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V


UL Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current I _N	12 A	10 A
Nominal voltage U _N	250 V	300 V

VDE Gutachten mit Fertigungsüberwachung http://www.vde.de 40004701	
mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

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Approvals

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm ² /AWG/kcmil	30-12	30-12
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

IECEE CB Scheme  http://www.iecee.org/DE1-56062-B1B2	
mm ² /AWG/kcmil	0.2-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

EAC EAC-Zulassung

EAC B.01742

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Bridge

Insertion bridge - EBP 2- 5 - 1733169

Insertion bridge, fully insulated, for connectors with 5.0 or 5.08 mm pitch, no. of positions: 2



Coding element

Plug-in block - UMSTBVK 2,5/ 3-G-5,08 - 1788127

Accessories

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Additional products

Printed-circuit board connector - MSTB 2,5/ 3-ST-5,08 - 1757022



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - MSTB 2,5/ 3-STZ-5,08 - 1776168



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/ 3-ST-5,08 - 1769023



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 3-ST-5,08 - 1826296



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 3-ST-5,08 - 1792252



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 3-ST-5,08 - 1792760



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 3-ST-5,08 - 1777293

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - FKC 2,5/ 3-ST-5,08 - 1873061

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



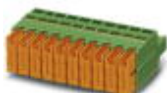
Printed-circuit board connector - FKCVR 2,5/ 3-ST-5,08 - 1873964

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



Printed-circuit board connector - QC 1/ 3-ST-5,08 - 1883268

Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/ 3-ST-5,08 - 1808829

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



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Accessories

Printed-circuit board connector - MSTBC 2,5/ 3-STZ-5,08 - 1809514

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



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