

SMSTB 2,5/10-ST-5,08

Order No.: 1826364

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1826364>

Plug component, Nominal current: 12 A, Nom. voltage: 250 V,
Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw
connection, Color: green

Commercial data

EAN	4017918122119
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01939 KG
Catalog page information	Page 201 (CC-2009)

Product notesWEEE/RoHS-compliant since:
01/01/2003

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Technical data**Dimensions / positions**

Pitch	5.08 mm
Dimension a	45.72 mm
Number of positions	10
Screw thread	M3

Tightening torque max	0.6 Nm
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Technical data

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/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	12 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil 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
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

Certificates / Approvals



Certification CSA, CUL, GOST, UL

CSA

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	28-12

CUL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

Additional products

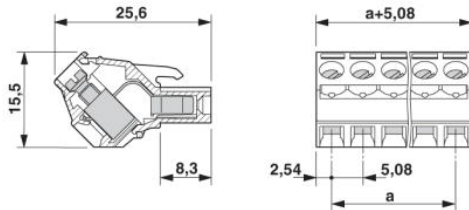
Item	Designation	Description
General		
1823927	ICC 2,5/10-STZ-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Crimp connection, Color: green

1762457	MDSTB 2,5/10-G1-5,08	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Color: green, Assembly: Soldering
1762583	MDSTBV 2,5/10-G1-5,08	Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Color: green, Assembly: Soldering
1770795	MSTB 2,5/10-G-5,08-LA	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Assembly: Soldering
1757323	MSTBA 2,5/10-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Color: green, Assembly: Soldering
1768024	MSTBA 2,5/10-G-5,08-LA	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Assembly: Soldering
1765030	MSTBHK 2,5/10-G-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: DIN rail, Color: green
1788800	MSTBVK 2,5/10-G-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: DIN rail, Color: green
1788619	MVSTBU 2,5/10-GB-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: Direct mounting, Color: green
1769544	SMSTB 2,5/10-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Color: green, Assembly: Soldering
1767452	SMSTBA 2,5/10-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Color: green, Assembly: Soldering
3002034	UK 3-MSTB-5,08	Feed-through modular terminal block, Type of connection: Special and hybrid connection, Screw connection, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.08 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7,5
3002076	UK 3-MVSTB-5,08	Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 32, NS 35/15, NS 35/7,5, Pitch: 5.08 mm, Width: 5.1, Color: gray
3002102	UK 3-MVSTB-5,08-LA 24RD	Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 32, NS 35/15, NS 35/7,5, Pitch: 5.08 mm, Width: 5.08, Color: gray
3002063	UK 3-MVSTB-5,08/EK	Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 35/7,5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.1, Color: blue
3002131	UK 3D-MSTBV-5,08	Feed-through modular terminal block, Type of connection: Special and hybrid connection, Screw connection, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.08 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7,5
3002144	UK 3D-MSTBV-5,08-LA 24RD	Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Number of positions: 1, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.1 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7,5

3002173	UK 3D-MSTBV-5,08/EK	Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.1 mm, Color: blue, Mounting type: NS 32, NS 35/15, NS 35/7,5
2770888	UKK 3-MSTB-5,08	End cover, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 35/7,5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.08, Color: gray
1876615	UKK 3-MSTB-5,08-PE	Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 320 V, Cross section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 35/7,5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.08, Color: green-yellow
2770846	UKK 3-MSTBVH-5,08	Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 35/7,5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.08, Color: gray
1788198	UMSTBVK 2,5/10-G-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: DIN rail, Color: green

Diagrams/Drawings

Dimensioned drawing



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