

SMSTB 2,5/ 6-ST-5,08

Order No.: 1826322

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1826322>Plug component, nominal current: 12 A, rated voltage: 250 V, pitch:
5.08 mm, no. of positions: 6, type of connection: Screw connection

Commercial data

EAN	4017918122072
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.0116 KG
Catalog page information	Page 177 (CC-2007)

Product notes

WEEE/RoHS-compliant since:
01/01/2003

<http://www.download.phoenixcontact.com>
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Technical data

Dimensions / positions

Height	15.5 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Number of positions	6
Screw thread	M 3

Tightening torque, min	0.5 Nm
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



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
Certification	CSA, CUL, GOST, UL

Accessories

Item	Designation	Description
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

Additional products

Item	Designation	Description
General		
1880342	EMSTBA 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: press in
1859551	EMSTBVA 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.08 mm, no. of positions: 6, mounting: Press in
1873391	FKIC 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1823888	ICC 2,5/ 6-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Crimp connection
1762415	MDSTB 2,5/ 6-G1-5,08	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
1842102	MDSTBA 2,5/ 6-G-5,08	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
1762541	MDSTBV 2,5/ 6-G1-5,08	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
1770753	MSTB 2,5/ 6-G-5,08-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
1757284	MSTBA 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
1770986	MSTBA 2,5/ 6-G-5,08-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
1788761	MSTBVK 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, mounting: Mounting rail
1788570	MVSTBU 2,5/ 6-GB-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, mounting: Direct mounting
1769502	SMSTB 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
1767410	SMSTBA 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Soldering
3002034	UK 3-MSTB-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 30 - 12, width: 5.1 mm, color: gray
3002076	UK 3-MVSTB-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 26 - 12, width: 5.1 mm, color: gray
3002102	UK 3-MVSTB-5,08-LA 24RD	Modular terminal block with plug entry, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 1, mounting: mounting rail, with red light indicator, voltage light indicator: 24 V AC/DC, current light indicator: 3.3 mA
3002063	UK 3-MVSTB-5,08/EK	Modular terminal blocks with plug entry, cross section: 0.2-2.5 mm ² , AWG: 26-12, width: 5.1 mm, color: blue

3002131	UK 3D-MSTBV-5,08	Modular terminal blocks with vertical plug entry, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray
3002144	UK 3D-MSTBV-5,08-LA 24RD	Modular terminal block with vertical plug entry, color: Gray, with red light indicator, voltage light indicator: 24 V AC/DC, current light indicator: 3.3 mA
3002173	UK 3D-MSTBV-5,08/EK	Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 30 - 12, width: 5.1 mm, color: blue
2770888	UKK 3-MSTB-5,08	Modular terminal blocks with 2 horizontal plug entries, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray
1876615	UKK 3-MSTB-5,08-PE	Ground terminal block, with 2 horizontal plug entries, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 1, mounting: mounting rail.
2770846	UKK 3-MSTBVH-5,08	Modular terminal blocks with vertical and horizontal plug entry, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray
1788156	UMSTBVK 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, mounting: Mounting rail
1873016	ZFKK 1,5-MSTBV-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 1.5 mm ² , width: 5.1 mm, color: gray

Drawings

Dimensioned drawing

