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► Extract from the online catalog



Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, type of connection: Screw connection

The illustration shows a 15-position version

Order No.	1757022
Ord designation	MSTB 2,5/ 3-ST-5,08
EAN	4017918029555
Pack	50 Pcs.
Customs tariff	85369010
Catalog page information	Page 126 (CC-2005)

► Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	10.16 mm
Number of positions	3
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, rigid min.	0.2 mm ²
Conductor cross section, rigid 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/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, flexible, min.	0.2 mm ²
2 conductors with same cross section, flexible max.	1.5 mm ²
2 conductors with same cross section, flexible, ferrules without plastic sleeve min.	0.25 mm ²
2 conductors with same cross section, flexible, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, flexible, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with identical cross section, flexible TWIN ferrules with plastic sleeve, max.	1.5 mm ²

► Certificates

Certificate logos



UL

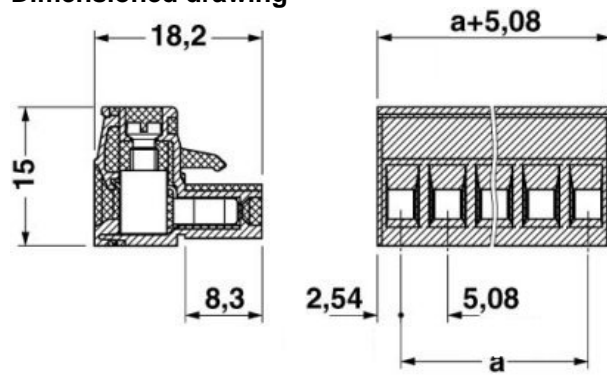
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-12

CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	28-12

► Drawings

Dimensioned drawing



► Accessories

Item	Designation	Description
Bridges		
1733172	EBP 3- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 3
General		
1733169	EBP 2- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2
1803947	KGG-MSTB 2,5/ 3	Cable housing, for cable diameters of 4 - 6 mm, clamp and marker strips are included, color: green, no. of positions: 3
Marking		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0805108	SK 5,08/2,8:SO	Marker card, self-adhesive, marking according to customer requirements
0804293	SK 5,08/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
0803883	SK U/2,8 WH:UNBEDRUCKT	Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 50 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN
Plug/Adapter		
1734634	CP-MSTB	Coding section, is inserted into the slot on the plug or inverted header, red insulating material
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
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General

1880313	EMSTBA 2,5/ 3-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Press in
1859522	EMSTBVA 2,5/ 3-G-5,08	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.08 mm, no. of positions: 3, mounting: press in
1873362	FKIC 2,5/ 3-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, type of connection: Spring-cage connection
1823859	ICC 2,5/ 3-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, type of connection: Crimp connection
1762075	MDSTB 2,5/ 3-G-5,08	Header, nominal current: 10 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1762376	MDSTB 2,5/ 3-G1-5,08	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1842076	MDSTBA 2,5/ 3-G-5,08	Header, nominal current: 10 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1763087	MDSTBV 2,5/ 3-G-5,08	Header, nominal current: 10 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1736742	MDSTBV 2,5/ 3-G1-5,08	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1802414	MDSTBW 2,5/ 3-G-5,08	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1770724	MSTB 2,5/ 3-G-5,08-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1757255	MSTBA 2,5/ 3-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1770957	MSTBA 2,5/ 3-G-5,08-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1788732	MSTBVK 2,5/ 3-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, mounting: Mounting rail
1788541	MVSTBU 2,5/ 3-GB-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, mounting: Direct mounting
1769476	SMSTB 2,5/ 3-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering
1767384	SMSTBA 2,5/ 3-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, 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: gray
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

MSTB 2,5/ 3-ST-5,08



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
1788127	UMSTBVK 2,5/ 3-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, 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

► Address

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