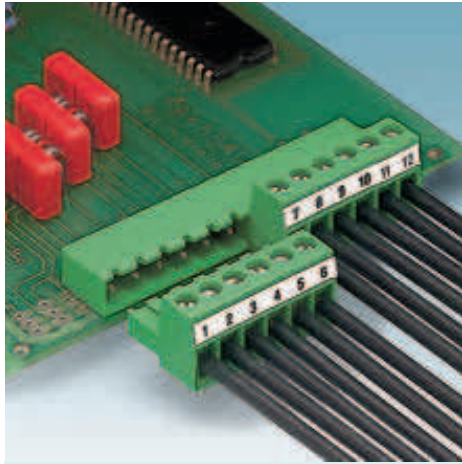


Plug-in connectors for MCR technology - COMBICON control

CLASSIC COMBICON plug-in connectors with 5.0 or 5.08 mm pitch

Single-level headers for wave soldering processes



- Standard pin strip for 320 V (III/2)
- Plug-in direction parallel to the conductor axis
- Versions with and without side panel
- W-type with stand-off
- Versions with and without threaded flange
- Other pin lengths available on request
- For larger numbers of positions up to 24-pos., visit: www.phoenixcontact.net/catalog

Notes:
In accordance with DIN EN 61984, COMBICON connectors have no switching power. During designated use, they must not be plugged in or disconnected when carrying voltage or under load.
COMBICON select Possible combinations for plug-in connectors can be found in COMBICON select at www.phoenixcontact.net/catalog or starting on page 164.
Mounting screws for MSTB 2,5/...-GF(-5,08): sheet metal screw ISO 1481-ST 2,2x6,5 C or ISO 7049-ST 2,2x6,5 C. Screw connection only permitted prior to soldering.
¹⁾ MSTB 2,5/...-G and MSTBA 2,5/...-G from 2 to 12-pos.: insulation material type/insulation material group = PA/I; more than 12-pos.: insulation material type/insulation material group = PBT/IIIa

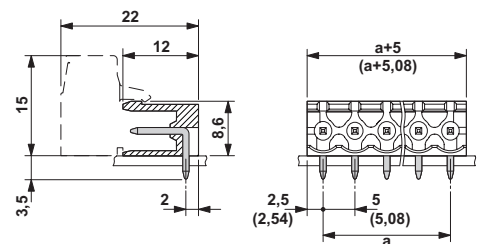


Without side panels, plug-in direction parallel to the PCB

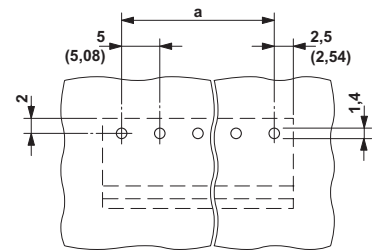


Accessories		
For all types	Type	Page
	Marker cards SK 5/3,8 or SK 5,08/3,8	842
	Keying section CR-MSTB Order No. 1734401	38
	Keying tab MSTB-BL Order No. 1755477	861
Only for MSTB 2,5/...-G		
	Mounting flange MSTB-BF Order No. 1759981	860

Dimensional drawing



Drilling diagram



Technical data

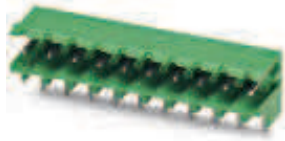
Technical data according to IEC/DIN VDE				
Rated current / conductor cross section	[A] / [mm ²]	12 / -		
Rated insulation voltage for pollution degree 2	[V]	320		
Pitch	[mm]	5 / 5.08		
Insulation coordination				
Surge voltage category / pollution degree		III / 3	III / 2	II / 2
Rated insulation voltage	[V]	250	320	400
Rated surge voltage	[kV]	4	4	4
Approval data (UL/CUL)	Use Group	B	C	D
Nominal voltage	[V]	250	-	300
Nominal current	[A]	12	-	10
Connection capacity AWG	AWG	-	-	-
Approval data (CSA)	Use Group	B	C	D
Nominal voltage	[V]	300	-	300
Nominal current	[A]	10	-	10
Connection capacity AWG	AWG	-	-	-
General data				
Type of insulation material / insulation material group		PBT / IIIa ¹⁾		
Inflammability class according to UL 94		V0		
Drill hole diameter / pin dimensions	[mm]	1.4 / 1 x 1 mm		

Ordering data

Type	Order No.	Pcs. / Pkt.
5.0 mm pitch, color: green		
MSTB 2,5/ 2-G	1754436	50
MSTB 2,5/ 3-G	1754452	50
MSTB 2,5/ 4-G	1754478	50
MSTB 2,5/ 5-G	1754494	50
MSTB 2,5/ 6-G	1754517	50
MSTB 2,5/ 7-G	1754533	50
MSTB 2,5/ 8-G	1754559	50
MSTB 2,5/ 9-G	1754575	50
MSTB 2,5/10-G	1754591	50
MSTB 2,5/11-G	1754614	50
MSTB 2,5/12-G	1754630	50
MSTB 2,5/13-G	1754656	50
MSTB 2,5/14-G	1754672	50
MSTB 2,5/15-G	1754698	50
MSTB 2,5/16-G	1754711	50
5.08 mm pitch, color: green		
MSTB 2,5/ 2-G-5,08	1759017	50
MSTB 2,5/ 3-G-5,08	1759020	50
MSTB 2,5/ 4-G-5,08	1759033	50
MSTB 2,5/ 5-G-5,08	1759046	50
MSTB 2,5/ 6-G-5,08	1759059	50
MSTB 2,5/ 7-G-5,08	1759062	50
MSTB 2,5/ 8-G-5,08	1759075	50
MSTB 2,5/ 9-G-5,08	1759088	50
MSTB 2,5/10-G-5,08	1759091	50
MSTB 2,5/11-G-5,08	1759101	50
MSTB 2,5/12-G-5,08	1759114	50
MSTB 2,5/13-G-5,08	1759127	50
MSTB 2,5/14-G-5,08	1759130	50
MSTB 2,5/15-G-5,08	1759143	50
MSTB 2,5/16-G-5,08	1759156	50

Plug-in connectors for MCR technology - COMBICON control

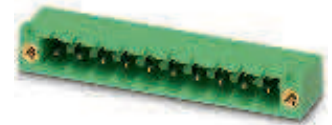
CLASSIC COMBICON plug-in connectors with 5.0 or 5.08 mm pitch



Without side panels, with stand-off, plug-in direction parallel to the PCB



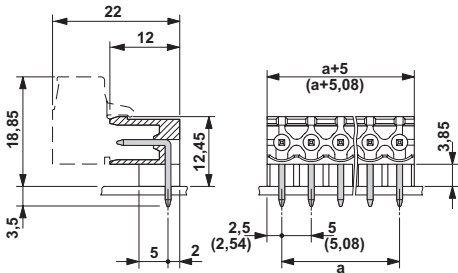
With side panels, plug-in direction parallel to the PCB



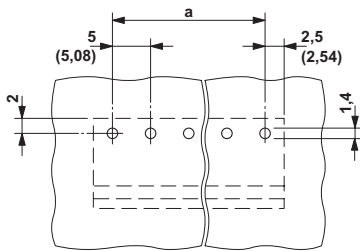
With threaded flange, plug-in direction parallel to the PCB



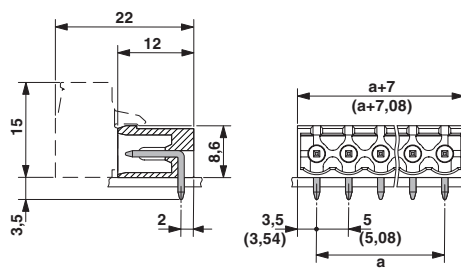
Dimensional drawing



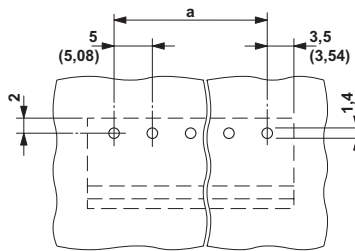
Drilling diagram



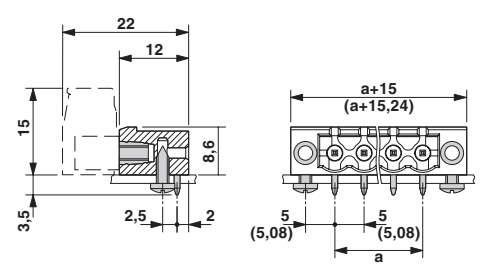
Dimensional drawing



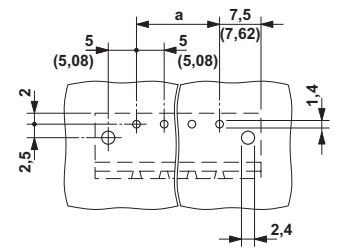
Drilling diagram



Dimensional drawing



Drilling diagram



Ordering data

Type	Order No.	Pcs. / Pkt.
5.0 mm pitch, color: green		
MSTBW 2,5/ 2-G	1736111	50
MSTBW 2,5/ 3-G	1736108	50
MSTBW 2,5/ 4-G	1736098	50
MSTBW 2,5/ 5-G	1736085	50
MSTBW 2,5/ 6-G	1736072	50
MSTBW 2,5/ 7-G	1736069	50
MSTBW 2,5/ 8-G	1736056	50
MSTBW 2,5/ 9-G	1736043	50
MSTBW 2,5/10-G	1736030	50
MSTBW 2,5/11-G	1736027	50
MSTBW 2,5/12-G	1736014	50
MSTBW 2,5/13-G	1736001	50
MSTBW 2,5/14-G	1735992	50
MSTBW 2,5/15-G	1735989	50
MSTBW 2,5/16-G	1735976	50
5.08 mm pitch, color: green		
MSTBW 2,5/ 2-G-5,08	1735882	50
MSTBW 2,5/ 3-G-5,08	1735879	50
MSTBW 2,5/ 4-G-5,08	1735866	50
MSTBW 2,5/ 5-G-5,08	1735853	50
MSTBW 2,5/ 6-G-5,08	1735840	50
MSTBW 2,5/ 7-G-5,08	1735837	50
MSTBW 2,5/ 8-G-5,08	1735824	50
MSTBW 2,5/ 9-G-5,08	1735811	50
MSTBW 2,5/10-G-5,08	1735808	50
MSTBW 2,5/11-G-5,08	1735798	50
MSTBW 2,5/12-G-5,08	1735785	50
MSTBW 2,5/13-G-5,08	1735772	50
MSTBW 2,5/14-G-5,08	1735769	50
MSTBW 2,5/15-G-5,08	1735756	50
MSTBW 2,5/16-G-5,08	1735743	50

Ordering data

Type	Order No.	Pcs. / Pkt.
5.0 mm pitch, color: green		
MSTBA 2,5/ 2-G	1757475	50
MSTBA 2,5/ 3-G	1757488	50
MSTBA 2,5/ 4-G	1757491	50
MSTBA 2,5/ 5-G	1757501	50
MSTBA 2,5/ 6-G	1757514	50
MSTBA 2,5/ 7-G	1755493	50
MSTBA 2,5/ 8-G	1757527	50
MSTBA 2,5/ 9-G	1757530	50
MSTBA 2,5/10-G	1757543	50
MSTBA 2,5/11-G	1757556	50
MSTBA 2,5/12-G	1757569	50
MSTBA 2,5/13-G	1757572	50
MSTBA 2,5/14-G	1757585	50
MSTBA 2,5/15-G	1757598	50
MSTBA 2,5/16-G	1757608	50
5.08 mm pitch, color: green		
MSTBA 2,5/ 2-G-5,08	1757242	50
MSTBA 2,5/ 3-G-5,08	1757255	50
MSTBA 2,5/ 4-G-5,08	1757268	50
MSTBA 2,5/ 5-G-5,08	1757271	50
MSTBA 2,5/ 6-G-5,08	1757284	50
MSTBA 2,5/ 7-G-5,08	1757297	50
MSTBA 2,5/ 8-G-5,08	1757307	50
MSTBA 2,5/ 9-G-5,08	1757310	50
MSTBA 2,5/10-G-5,08	1757323	50
MSTBA 2,5/11-G-5,08	1757336	50
MSTBA 2,5/12-G-5,08	1757349	50
MSTBA 2,5/13-G-5,08	1757352	50
MSTBA 2,5/14-G-5,08	1757365	50
MSTBA 2,5/15-G-5,08	1757378	50
MSTBA 2,5/16-G-5,08	1757381	50

Ordering data

Type	Order No.	Pcs. / Pkt.
5.0 mm pitch, color: green		
MSTB 2,5/ 2-GF	1776692	50
MSTB 2,5/ 3-GF	1776702	50
MSTB 2,5/ 4-GF	1776715	50
MSTB 2,5/ 5-GF	1776728	50
MSTB 2,5/ 6-GF	1776731	50
MSTB 2,5/ 7-GF	1776744	50
MSTB 2,5/ 8-GF	1776757	50
MSTB 2,5/ 9-GF	1776760	50
MSTB 2,5/10-GF	1776773	50
MSTB 2,5/11-GF	1776786	50
MSTB 2,5/12-GF	1776799	50
MSTB 2,5/13-GF	1776809	50
MSTB 2,5/14-GF	1776812	50
MSTB 2,5/15-GF	1776825	50
MSTB 2,5/16-GF	1776838	50
5.08 mm pitch, color: green		
MSTB 2,5/ 2-GF-5,08	1776508	50
MSTB 2,5/ 3-GF-5,08	1776511	50
MSTB 2,5/ 4-GF-5,08	1776524	50
MSTB 2,5/ 5-GF-5,08	1776537	50
MSTB 2,5/ 6-GF-5,08	1776540	50
MSTB 2,5/ 7-GF-5,08	1776553	50
MSTB 2,5/ 8-GF-5,08	1776566	50
MSTB 2,5/ 9-GF-5,08	1776579	50
MSTB 2,5/10-GF-5,08	1776582	50
MSTB 2,5/11-GF-5,08	1776595	50
MSTB 2,5/12-GF-5,08	1776608	50
MSTB 2,5/13-GF-5,08	1776618	50
MSTB 2,5/14-GF-5,08	1776621	50
MSTB 2,5/15-GF-5,08	1776634	50
MSTB 2,5/16-GF-5,08	1776647	50