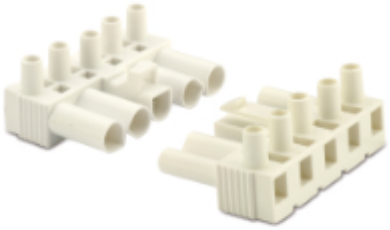
BM GROUP	**Technical sheet**	**No.** 41MD01C **Issue** V01.4

Product family: Terminal blocks - Polarized plug terminals

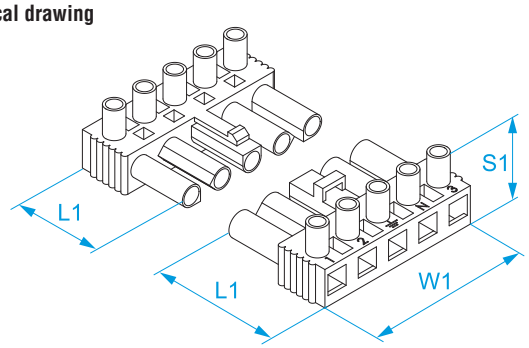
Item code: B9051, B9052, B9053, B9054, M9051, M9052, M9053, M9054

Description: POLARIZED PLUG TERMINALS · 5-WAY CONNECTORS · M905 SERIES

Image



Technical drawing



Specifications

BROWN PLUG AND SOCKET:	polyamide (PA 6.6) and 25% fiberglass
WHITE PLUG AND SOCKET:	polyamide (PA 6.6)
WHITE AND BLACK SHELL AND CABLE CLAMP:	polyamide (PA 6.6)
CONDUCTIVE BODY IN:	nickel-plated brass
CAPTIVE SCREW IN:	galvanized steel
TEST CURRENT:	16 A
INSULATION SELF-EXTINGUISHING:	EN 60335-1: 2002 +A2:2006 (par. 30.2.3), EN 60695-2-11
RATED IMPULSE VOLTAGE:	4 kV
CONDUCTOR TYPE:	rigid and flexible
OPERATING CYCLES:	5000
RATED VOLTAGE:	400 V
POLLUTION DEGREE:	2
PROTECTION GRADE:	IP20
ACCORDING TO STD.:	EN 61984: 2009

Code	Description	Section (mm²)	Operating temperature	Terminal Block Material	Terminal Block Color	Shells Material	Shells Color	Shells Cable clamp	W1 (mm)	L1 (mm)	S1 (mm)	
B9051	Male plug	2,5	from -10 °C to 105 °C max	PA 6.6	White			-	48,5	32	20	50/50
B9052	Female receptacle	2,5	from -10 °C to 105 °C max	PA 6.6	White			-	48,5	32	20	
B9053	Male plug with shell	2,5	from -10 °C to 105 °C max	PA 6.6	White	PA 6.6	White	1x(9-14)-2x(9-10,5)	48,5	76,5	26	50/50
B9054	Female receptacle with shell	2,5	from -10 °C to 105 °C max	PA 6.6	White	PA 6.6	White	1x(9-14)-2x(9-10,5)	48,5	76,5	26	
M9051	Male plug high temperature	2,5	from -10 °C to 150 °C max	PA 6.6 + fiberglass	Brown			-	48,5	32	20	50/50
M9052	Female receptacle high temperature	2,5	from -10 °C to 150 °C max	PA 6.6 + fiberglass	Brown			-	48,5	32	20	
M9053	Male plug high temperature with shell	2,5	from -10 °C to 105 °C max	PA 6.6 + fiberglass	Brown	PA 6.6	Black	1x(9-14)-2x(9-10,5)	48,5	76,5	26	50/50
M9054	Female receptacle high temperature with shell	2,5	from -10 °C to 105 °C max	PA 6.6 + fiberglass	Brown	PA 6.6	Black	1x(9-14)-2x(9-10,5)	48,5	76,5	26	