

D

Tab/Solder Connectors Series 400(-LF) with Tabs B 2,8; 4,8; 6,3 or Soldering Tongue

General Description



**Tab-Solder
Connectors**



**Tab Connectors/
Lead Dividers**



**Flat Plug
Guides**

Description

Tab/solder connector blocks are used mainly as connectors, terminals or as a grouping point in electrical equipment and motor vehicle construction. These connector blocks are available with B 2,8 (0.11 in); 4,8 (0.187 in) or 6,3 (0.25 in) tab connectors in various sizes, pole numbers and variants to suit a variety of applications. We can supply tab connector blocks with two-sided push-on termination, as solder tab connectors and tab connector guide. In various types, the crimping points of the receptacles are covered. For the remaining blocks, insulation of the crimping and solder points can take place with our ISO insulating sleeves (see page 158) if required.

Tab receptacles according to DIN 46 247 can be supplied assembled. Further information on our cable preparation service is provided on page 159.

The individual types can be found on the following pages.

Electrical Specifications

The values vary depending on the individual type; exact data can be found on the individual product pages.

Nominal Cross-Section:
1 – 6 mm² / 16 – 10 AWG

Rated Voltage:
250 – 500 V
to DIN VDE 0110, pollution degree 2 or 3

Depending on mounting conditions and taking into account DIN VDE 0110, the tab multi-point connectors may also be used for higher voltages than quoted.

Rated Current: 6 – 25 A see DIN 46 249

Depending on application, equipment safety regulations must be observed.

Material

Depending on the individual type, either polyamide or plasticized PVC is used for housings. Some products are also available in both materials.

Exact data can be found on the individual product pages.

Polyamide, natural
self-extinguishing to UL 94, V-2

The polyamide material used for these connectors passed the Spherical Pressure Test in compliance with VDE 0470 at 125° C/258° F; this test is required for insulation material in several CEE- and VDE regulations.
Comparative Tracking Index: CTI > 600
Temperature Limits (Minimum Values):
short-time 140°C / 284°F
continuous 80°C / 176°F
cold-resistant -40°C / -40°F

Transparent plasticised PVC
Comparative Tracking Index: CTI > 400
Temperature Limits (Minimum Values):
short-time approx. 80°C / 176°F
continuous approx 70°C / 158°F

International Approvals



Data see page 72.



B 2,8

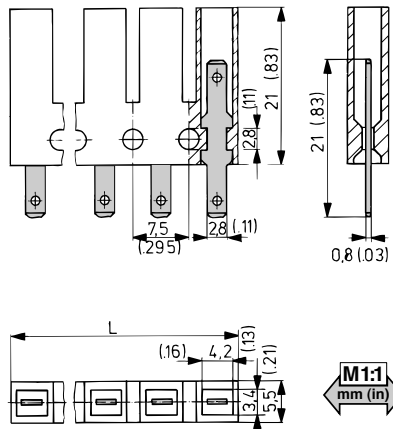
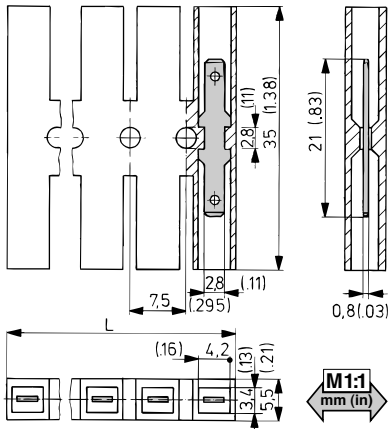
B 2,8



In this model the inserted tab receptacles are completely covered. Multi-pole racks can be mounted on top of one another.



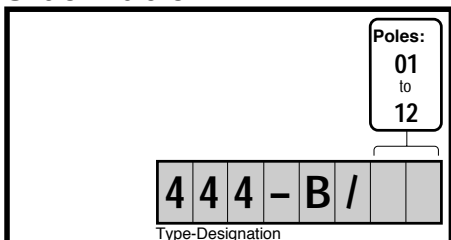
This version has flat plug connectors on one side and solder tongues on the other side. The solder tongues extend approx. 7 mm/ 0.28 in from the casing and have a solder hole diameter of 1,4 mm/ 0.05 in. It is also possible to plug a tab receptacle B2,8x0,8 onto the solder tongue.



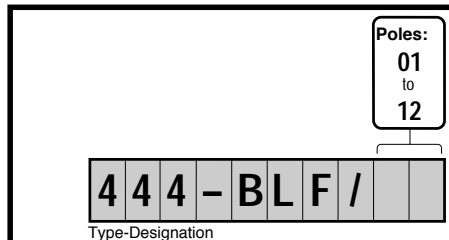
Dimensions: Spacing of the two outermost mounting holes:		5	6	7	8	9	10	11	12	
Poles	mm	in	mm	in	mm	in	mm	in	mm	in
1	7,50	0,30	-	-	-	-	-	-	-	-
2	15,00	0,59	-	-	-	-	-	-	-	-
3	22,50	0,89	7,50	0,30	-	-	-	-	-	-
4	30,00	1,18	15,00	0,59	-	-	-	-	-	-

Dimensions: Spacing of the two outermost mounting holes:		5	6	7	8	9	10	11	12	
Poles	mm	in	mm	in	mm	in	mm	in	mm	in
1	7,50	0,30	-	-	-	-	-	-	-	-
2	15,00	0,59	-	-	-	-	-	-	-	-
3	22,50	0,89	7,50	0,30	-	-	-	-	-	-
4	30,00	1,18	15,00	0,59	-	-	-	-	-	-

Order Table



Order Table



Technical Data

Center-to-Center Spacing:
7,5 mm / 0.30 in

Nominal Cross-Section:
1 mm² max. / 22-16 AWG

Rated Voltage: 250 V with insulation base to DIN VDE 0110, pollution degree 2

Rated Current: 6 A see DIN 46 249

Material

Moulding: Transparent plasticised PVC
Comparative Tracking Index: CTI > 400
Temperature Limits (Minimum Values):
short-time approx. 80°C / 176°F
continuous approx 70°C / 158°F

Tabs: B 2,8x0,8 (0.11x0.03 in) tin plated brass for receptacles B 2,8 DIN 46 247

Further details see General Description page 32.

Options

- % Types with tabs A 2,8x0,5/0.11x0.02 in.
- % Insulation sleeves ISO-110 for type 444-BLF, see page 50.

