



401-PA-XBS/4,8/6,3
401-PVC-YBH/4,8/6,3
B 2,8; 4,8 or 6,3

401-LF
PA/PVC-4,8/6,3
4,8 or 6,3

Technical Data

Center-to-Center Spacing:
12,3 mm / 0.48 in

Nominal Cross-Section:
Types 2,8: 1,0 mm² max. / 22-16 AWG
Types 4,8: 2,5 mm² max. / 22-14 AWG
Types 6,3: 6,0 mm² max. / 10 AWG

Rated Voltage: 400 V
with insulating base to DIN VDE 0110
401-YBH: pollution degree 2
401-4,8 and 401-6,3: pollution degree 3

Rated Current: See DIN 46 249
Types 2,8: 6 A
Types 4,8: 16 A
Types 6,3: 25 A

International Approvals



Data see page 72.

Material

Moulding 401-LFPA-4,8/6,3:

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 IEC - 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

Moulding 401-YBH-4,8/6,3 and 401-LFPVC-4,8/6,3:

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:

4,8/6,3x0,8 (0.187/0.25x0.03 in):
Nickel plated brass,
LF-Types and B 2,8x0,8 (0.11x0.03 in):
Tin plated brass
for receptacles DIN 46 247

Further details see
General Description page 32.

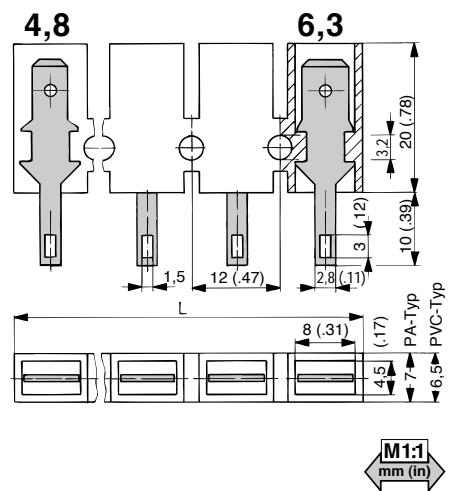
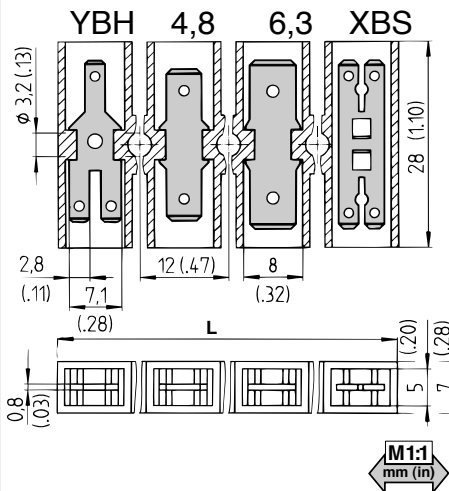
Options

- % Moulding made of Polyamide.
- % Types 401-LF with two tabs 2,8 and solder tongue on the other side.
- % Types with tabs A 2,8x0,5.
- % Insulation sleeves ISO-110 for sol-



The plugged-in receptacles project from the case by approx. 7 mm. Type -YBH has a single connector on one side and double connectors on the other. For insulation see "Accessories".

The LF-Version of type 401 has a solder tongue on the other side which projects from the case by approx. 10 mm. It is also possible to plug a tab receptacle B 2,8x0,8 onto the solder tongue.



Dimensions PVC-Types:		Poles mm				in									
Lenght (L):	Spacing of the two outermost	5	59,00	2,23	36,00	1,42	6	71,00	2,80	48,00	1,89				
	mounting holes:	7	83,00	3,27	60,00	2,36	8	95,00	3,74	72,00	2,84				
Poles mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
	1	12,00	0,47	—	—	9	107,00	4,21	84,00	3,31	10	119,00	4,69	96,00	3,78
	2	24,00	0,94	—	—	10	119,00	4,69	96,00	3,78	11	131,00	5,16	108,00	4,27
	3	36,00	1,42	12,00	0,47	11	131,00	5,16	108,00	4,27	12	142,00	5,59	120,00	4,73

Dimensions PA-Types:		Poles mm				in									
Lenght (L):	Spacing of the two outermost	5	59,00	2,32	36,00	1,42	6	71,00	2,80	48,00	1,89				
	mounting holes:	7	83,00	3,27	60,50	2,38	8	95,00	3,74	72,50	2,86				
Poles mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
	1	11,00	0,43	—	—	9	107,00	4,21	84,50	3,33	10	119,00	4,69	96,50	3,80
	2	23,00	0,91	—	—	10	119,00	4,69	96,50	3,80	11	131,00	5,16	108,50	4,27
	3	35,00	1,38	12,00	0,47	11	131,00	5,16	108,50	4,27	12	143,00	5,63	120,50	4,75

Order Table

Design (Material): (Polyamid) PA (PVC) PVC	only for □ PVC → YBH only for □ PA → XBS PVC and PA 4,8, 6,3	Poles: 01 to 12
401 - - /		
Type-Designation		

Order Table

Design (Material): (Polyamid) PA (PVC) PVC	Tabs: 4,8 6,3	Poles: 01 to 12
401 - LF - , /		
Type-Designation		