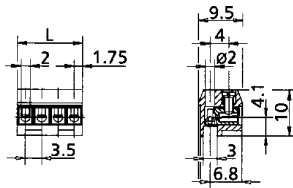


3.5mm High Density Pluggable Terminal Block



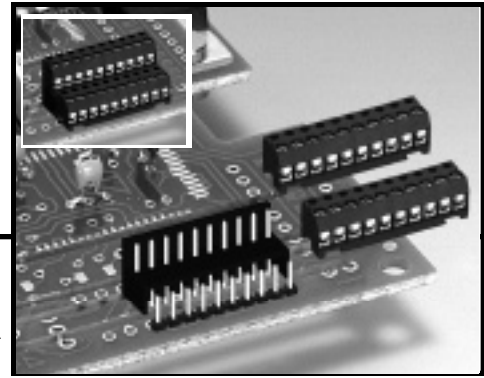
Type 166
with wire protection



$L = (\text{number of circuits} - 1) \times \text{pin spacing} + 3.5 \text{ mm}$

Technical Data
(according to UL/CSA)

Voltage:
Pin spacing 3.5 mm: 125V
Pin spacing 7 mm: 250V
Maximum current: 8A
Wire range: 26-18AWG
Recommended tightening torque: 3 lb-in
Contact resistance: $R < 10m\Omega$
 $I = 500mA$ after 100 cycles
Wire strip length: 5mm



UL/CSA Recognized Designed to VDE 0110

• **Pluggable**

Part Numbers Standard Style
Pin Spacing 3.5mm

Circuits	Type 166	Circuits	Type 166	Circuits	Type 166
2	31 166 102	10	31 166 110	18	31 166 118
3	31 166 103	11	31 166 111	19	31 166 119
4	31 166 104	12	31 166 112	20	31 166 120
5	31 166 105	13	31 166 113	21	31 166 121
6	31 166 106	14	31 166 114	22	31 166 122
7	31 166 107	15	31 166 115	23	31 166 123
8	31 166 108	16	31 166 116	24	31 166 124
9	31 166 109	17	31 166 117		

Description

High density terminal block. Low cost. Low contact resistance.

Captive screws.

Accessories:

Header type 224 and 226 for vertical mounting.

Header type 225 with right angle pin

Mounting flanges no. 72015801 and no. 72015802

Coding pin no. 72015901 and no. 72015902

Materials

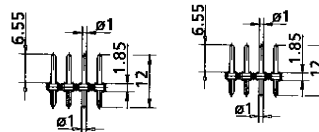
Body: Polyamide 66, flame resistant and self-extinguishing according to UL 94V-0
Temperature range -40 oF (-40 oC) to + 257 oF (125 oC)
Terminal: Brass, 4 um nickel plated
Contact: New silver (CuNi 18 Zn20)
Screw: M2, steel, nickel over copper plating
optional: brass, nickel plated - consult factory
Wire protector: New silver (CuNi 18 Zn20)

3.5mm High Density Headers (Mates with above Terminal Block)



Type 224
for vertical mounting

$L = (\text{number of circuits} - 1) \times \text{pin spacing} + 3.5 \text{ mm}$

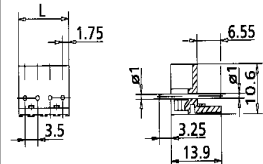


Part Numbers Standard Style
Pin Spacing 3.5mm

Circuits	Part No.
2	31224102
3	31224103
4	31224104
.	.
.	.
.	.
.	.
23	31224123
24	31224124

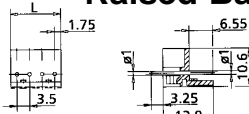
• **Vertical Pin Strip (Type 224)**

UL/CSA Recognized Designed to VDE 0110



Type 226

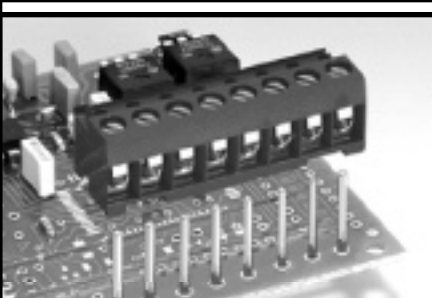
• **Raised Base Header**



Part Numbers Standard Style
Pin Spacing 3.5mm

Circuits	Part No.
2	31226102
3	31226103
4	31226104
.	.
.	.
.	.
.	.
23	31226123
24	31226124

UL/CSA Recognized Designed to VDE 0110



5 mm Pluggable Terminal Block with pins factory installed

Type 108

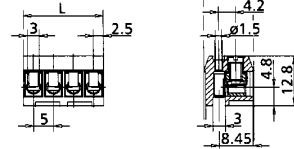
Description

Low cost terminal block with mating square pins pre-assembled in terminal block.

Materials

Wire Range: 12-28 AWG
Body: Polyamide 66, flame resistant and self-extinguishing according to UL 94V-0
Temperature range -40 oF (-40 oC) to + 257 oF (125 oC)
Terminal: Brass, 4 um nickel plated
Contact: Tin bronze, tin plated
Standard M3, steel, chromate over zinc
terminal screw: stainless steel
plating optional: zinc
Wire protector: Tin bronze, tin plated

Designed to VDE 0110



Circuits	Type 108	Circuits	Type 108	Circuits	Type 108
2	31 108 102	10	31 108 110	18	31 108 118
3	31 108 103	11	31 108 111	19	31 108 119
4	31 108 104	12	31 108 112	20	31 108 120
5	31 108 105	13	31 108 113	21	31 108 121
6	31 108 106	14	31 108 114	22	31 108 122
7	31 108 107	15	31 108 115	23	31 108 123
8	31 108 108	16	31 108 116	24	31 108 124
9	31 108 109	17	31 108 117		