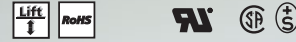




# Type 09



# Type 49



## Headers

to **Type 09** and **Type 49**

- Type 19** page 115
- Type 20** page 116
- Type 29** page 121
- Type 30** page 122

## Accessories

for **Type 09** and **49**

### Coding set

716906 page 158

## Note for wire range

Additional wire sizes and/or combinations of same size wires as follows:

### Type 09

- #(1) Wire range extended to No. 30 AWG for factory-wiring.
- ++ Two same size wires No. 22 - 18 AWG Cu Sol/Str for field-wiring; No. 30 - 18 AWG Cu Sol/Str factory-wiring.

### Type 49

- #### 2 No. 22 - 18 AWG (field-wiring);
- 2 No. 26 - 18 AWG or
- 1 No. 26 - 14 AWG (factory-wiring)

## Description Type 09

Screw type terminal block, pluggable, centerline 5 mm / 0.197 inches, wire entry parallel to plug direction, wire protector, female contact

## Technical Data Type 09

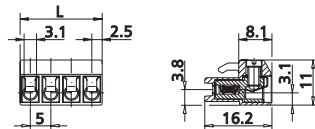
V / A / AWG 300 / 15 / 22 - 12 #(1), ++ (see note)

Screw torque max. 7 lbs.-in

- 0.08 - 2.5 mm<sup>2</sup> 125 V / 2.5 kV / 3 / 10 A  
Insulation co-ordination according to IEC 60664-1  
Clearance and creepage distance ≥ 1.9 mm  
Screw torque max. 0.5 Nm

Wire diameter	single wire 0.3 - 1.8 mm
Wire strip length	6 mm / 0.236 in.
Contact resistance from the termination point via header to the pc board	≤ 5 mΩ per pole
Pole size	2 to 21
Colour	black

Dimensions in mm 1 mm = 0.0394 in.



$$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm} / 0.197 \text{ in.}$$

**Type 09** centerline 5 mm / 0.197 in.

P/N 310091    02 03 04 05 06 07  
08 09 10 11 12 (pole size)

- complete the part number by adding the pole size to the blank
- other pole sizes consult factory

## Description Type 49

Screw type terminal block, pluggable, centerline 5 mm / 0.197 inches, wire entry parallel to plug direction, lift system, female contact

## Technical Data Type 49

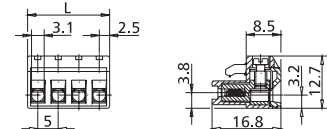
V / A / AWG 300 / 15 / 22 - 12 #### (see note)

V / A / AWG 300 / 15 / 22 - 12  
Screw torque max. 8 lbs.-in

- 0.13 - 2.5 mm<sup>2</sup> 250 V / 4 kV / 3 / 10 A  
Insulation co-ordination according to IEC 60664-1  
Clearance and creepage distance ≥ 4.7 mm  
Screw torque max. 0.5 Nm

Wire diameter	single wire 0.4 - 2 mm
Wire strip length	6 mm / 0.236 in.
Contact resistance from the termination point via header to the pc board	≤ 5 mΩ per pole
Pole size	2 to 24
Colour	black

Dimensions in mm 1 mm = 0.0394 in.



$$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm} / 0.197 \text{ in.}$$

**Type 49** centerline 5 mm / 0.197 in.

P/N 310491    02 03 04 05 06 07  
08 09 10 11 12 (pole size)

- complete the part number by adding the pole size to the blank
- other pole sizes consult factory

**Type 49** centerline 10 mm / 0.394 in.

P/N 310492    02 03 (pole size)

- complete the part number by adding the pole size to the blank
- other pole sizes consult factory