

**Terminal blocks**

to **Type 230** and **Type 178**

- ASP046** page 50
- Type 213** page 100
- Type 214** page 100
- Type 249** page 98
- Type 250** page 98

**Accessories**

for **Type 230** and **Type 178**  
**Coding set**  
 700024 page 190

**Note for Type 178**

Packaging for automated processing is available on demand. Please do not hesitate to contact us.

**Type 230**

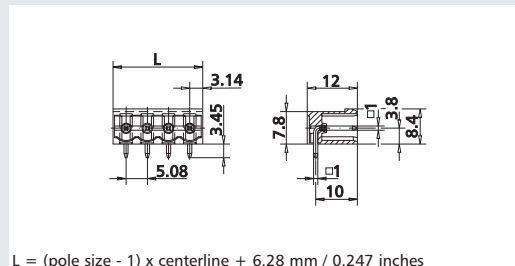
Header, centerline 5.08 mm / 0.200 inches, horizontal mounting, square contact pins 1 mm / 0.039 inches, closed ends, codable

**Technical Data**

	V / A	300 / 15
	V / A	300 / 15
		250 V / 4 kV / 10 A

Insulation co-ordination according to EN 60664-1			
Clearance and creepage distances	min. 4.08 mm		
Insulating material class	CTI 600		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320	800	800
Rated test voltage	4	6	4
Protection category according to IEC 60529	IP00		
Solder pin dimension	1.0 x 1.0 mm		
Recommended pc board hole dia.	Ø 1.5 mm		
Solder pin length	3.45 mm		
Pole size	2 - 24		
Colour	black		

Dimensions in mm 1 mm = 0.0394 in.



$L = (\text{pole size} - 1) \times \text{centerline} + 6.28 \text{ mm} / 0.247 \text{ inches}$

**Part numbers (P/N)**

(informations: page 110)

Complete the part number by adding the pole size.

**Type 230**

centerline 5.08 mm / 0.200 inches

P/N 312301

	02	03	04	05	06	07	08	
	09	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24

**Type 230**

centerline 10.16 mm / 0.400 inches

P/N 312302

	02	03	04	05	06	07	08
	09	10	11	12			

Standard pole sizes

Available on demand. Minimum order quantity 5000 pieces per item.

**Type 178**

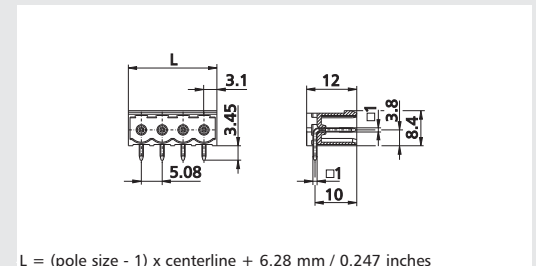
Header, centerline 5.08 mm / 0.200 inches, horizontal mounting, designed for THR, optional Tape on Reel packaging for automated processing, square contact pins 1 mm / 0.039 inches, closed ends, codable

**Technical Data**

		250 V / 4 kV / 10 A
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Insulation co-ordination according to EN 60664-1			
Clearance and creepage distances	min. 4.08 mm		
Insulating material class	CTI 600		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320	800	800
Rated test voltage	4	6	4
Protection category according to IEC 60529	IP00		
Solder pin dimension	1.0 x 1.0 mm		
Recommended pc board hole dia.	Ø 1.5 mm		
Solder pin length	3.45 mm		
Pole size	2 - 12		
Colour	black		

Dimensions in mm 1 mm = 0.0394 in.



$L = (\text{pole size} - 1) \times \text{centerline} + 6.28 \text{ mm} / 0.247 \text{ inches}$

**Part numbers (P/N)**

(informations: page 110)

Complete the part number by adding the pole size.

**Type 178**

centerline 5.08 mm / 0.200 inches

P/N 311781

	02	03	04	05	06	07	08
	09	10	11	12			

\* approval pending

Standard pole sizes

Available on demand. Minimum order quantity 5000 pieces per item.