X20TBS2

Data sheet
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1 X20TBS2 - Set with 8 4-pin terminal blocks

1.1 General information

This 4-pin terminal block is used to connect to various B&R modules. The set contains 8 terminal blocks.

1.2 Order data

Order number	Short description	Figure
	Terminal blocks	
X20TBS2	Terminal block set for X20 I/O module: 8x 4-pin terminal block	

Table 1: X20TBS2 - Order data

1.3 Technical data

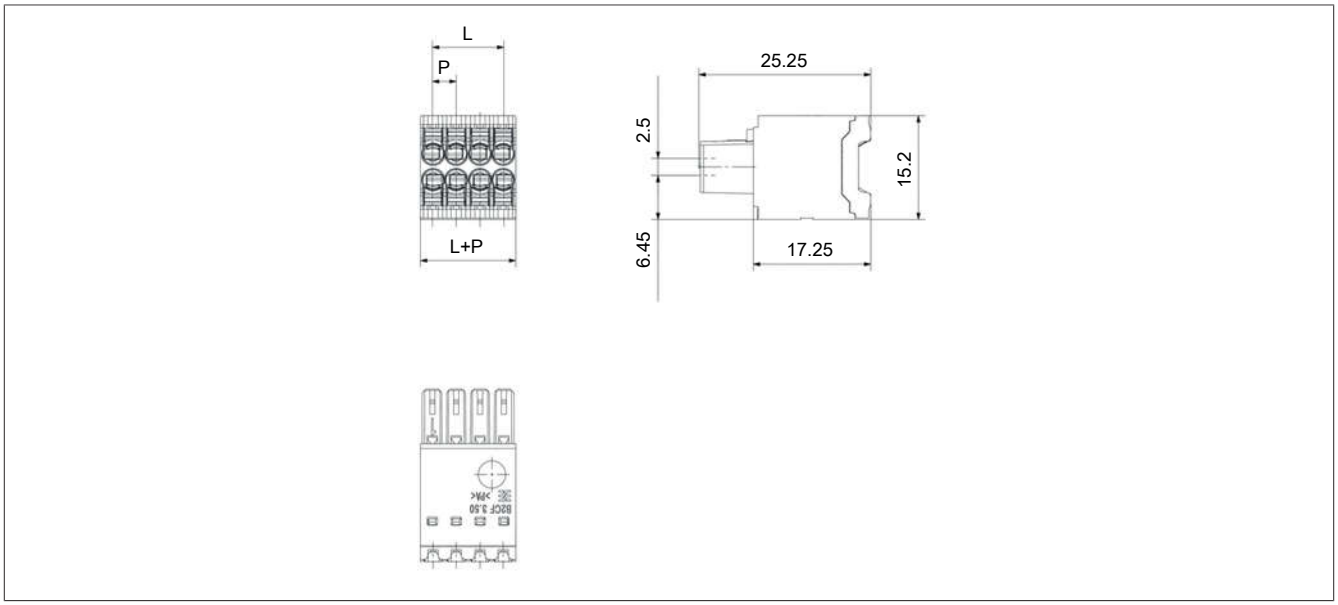
Order number	X20TBS2
General information	
Certifications	
CE	Yes
UKCA	Yes
Terminal block	
Number of pins	4
Type of terminal block	Design as push-in terminal block with actuating element
Push-in force per contact	Max. 3.5 N
Cable type	Only copper wires (no aluminum wires!)
Pitch	3.5 mm
Wire stripping length	10 mm
Connection cross section [1]	
AWG wire	30 to 16 AWG
Wire end sleeves with plastic covering	0.14 to 1.00 mm²
Single-wire	0.14 to 1.50 mm²
Fine-stranded wires	0.14 to 1.50 mm²
With wire end sleeve	0.14 to 1.50 mm²
Electrical properties	
Nominal voltage	IEC: 320 V UL: 300 V
Nominal current [2]	IEC: 10 A / contact UL: 9.5 A / contact
Contact resistance	≤5 mΩ
Ambient conditions [3]	
Temperature	
Operation	-50 to 120°C
Relative humidity	
Operation	5 to 95%, non-condensing

Table 2: X20TBS2 - Technical data

1) Use a screwdriver with a blade of 0.4 x 2.5 mm.
2) The respective limit data of the I/O modules must be taken into account!
3) Identical for operation, storage and transport.

1.4 Dimensions

The terminal block has the following dimensions:



L = 3.5 mm

P = 3.5 mm