

17.6 TB170

17.6.1 General Information

Many B&R 2005 modules are connected using the a single row 20-pin terminal block.

The terminal block can be easily removed using two ejection levers on the module (see Chapter 2 "Installation", Section 1 "Dimensions and Installation", on page 43).

17.6.2 Order Data

Model Number	Short Description	Image
3TB170.9	2005 terminal block, 20-pin, screw clamps	 TB170.9 TB170.91
3TB170.91	2005 terminal block, 20-pin, cage clamps	
3TB170.90-02	2005 terminal block, 20-pin, 20 pcs., screw clamps	
3TB170.91-02	2005 terminal block, 20-pin, 20 pcs., cage clamps	

Table 411: TB170 order data

17.6.3 Technical Data

Product ID	TB170
Number of Pins	20
Type of Terminal	Screw or cage clamps
Distance between Contacts	5.08 mm
Resistance between Contacts	6 mΩ
Rated Voltage	250 V
Current Load ¹⁾	Max. 12 A / contact
Connection Cross Section	0.14 mm ² -2.5 mm ² (AWG 26 - 12)
Cable Type	Only copper wires (no aluminum wires!)
Removal	Mechanical
Stress Relief	Cable tie on the module

Table 412: TB170 technical data

1) Take the respective limit data for the I/O modules into consideration!