

B&R - X20 System**X20TB06****6-pin Push-in Terminal Block****Technical specifications**

Number of pins	6
Terminal type	Push-in
Push-in force	Typical 10 N per contact
Conductor material	Copper only
Wire stripping length	7 to 9 mm
Single-wire cross-section	0.08 to 2.50 mm ² / AWG 28 to 14
Fine-stranded cross-section	0.25 to 2.50 mm ² / AWG 24 to 14
Wire-end sleeve	0.25 to 1.50 mm ² / AWG 24 to 16
Twin wire-end sleeve	Up to 2 x 0.75 mm ²
Nominal voltage	240 VAC / 48 VDC
Maximum voltage	300 VAC / 60 VDC
Nominal current	10 A per contact
Contact resistance	5 mΩ maximum
Contact spacing	4.2 mm left-right; 10.96 mm above-below

Documented role

B&R X20TB06 is a six-pin push-in terminal block for wiring compatible 24 VDC X20 modules for the X20 System.

Documented applications

- Six-terminal wiring for compatible 24 VDC X20 modules
- Replaceable field-wiring interfaces in modular I/O stations
- X20 installations requiring push-in wiring and per-terminal marking

Selection and installation checks

X20TB06 is a six-pin push-in terminal block for compatible 24 VDC X20 modules. Use copper conductors only, keep the strip length at 7 to 9 mm, select conductor and ferrule sizes from the official limits, and verify the complete module terminal map before energizing.