

1756 Removable Terminal Blocks



Removable terminal blocks (RTBs) provide a flexible interconnection between your plant wiring and 1756 ControlLogix I/O modules. The RTB plugs into the front of the I/O module. The type of module determines which RTB you need. You can choose screw-clamp or spring-clamp RTBs.

RTBs are not shipped with I/O modules. You must order them separately. The standard housing on the front of the wiring arm is not deep enough for 2.5 mm² (14 AWG) wiring. So, if you plan to use 2.5 mm² (14 AWG) wiring, order the extended housing.



ATTENTION: If separate power sources are used, do not exceed the specified isolation voltage. See the specifications for each individual module on the preceding pages.



WARNING: Do not use 1756-TBNHS, 1756-TBSHS, 1756-TBCHS, or 1756-TBS6HS safety RTBs and 1756-TBES extended-depth terminal block housings with non-safety I/O modules.

RTB Specifications

Attribute	1756-TBCH 1756-TBCHS 1756-TBCHXT	1756-TBNH 1756-TBNHS 1756-TBNHXT	1756-TBSH 1756-TBSHS 1756-TBSHXT	1756-TBS6H 1756-TBS6HS 1756-TBS6HXT	1756-TBE 1756-TBES 1756-TBEXT
Description	36-pin cage-clamp removable terminal block with standard housing	20-position NEMA screw-clamp removable block	20-pin spring-clamp removable terminal block with standard housing	36-pin spring-clamp removable terminal block with standard housing	Extended depth terminal block housing
Screw torque	0.5 N•m (4.4 lb•in)	1.36 N•m (12 lb•in)	-	-	-
Wire size ⁽¹⁾	Single wire connection: 0.33...2.1 mm ² (22...14 AWG) solid or stranded shielded copper wire rated at 105 °C (221 °F), or greater, 1.2 mm (3/64 in.) insulation max. Do not wire more than one conductor on any single terminal. Double wire connection: 0.33...1.3 mm ² (22...16 AWG) solid or stranded copper wire rated at 105 °C (221 °F), or greater, 1.2 mm (3/64 in.) insulation max. Do not wire more than two conductors on any single terminal.		Single wire connection: 0.33...2.1 mm ² (22...14 AWG) solid or stranded copper wire, rated at 105 °C (221 °F) or greater, 1.2 mm (3/64 in.) insulation max. Do not wire more than one conductor on any single terminal.		-
Screwdriver width	3.2 mm (1/8 in.)	8 mm (5/16 in.) Max	-	-	-

(1) Maximum wire size requires extended housing, catalog number 1756-TBE.

