

1756 Removable Terminal Blocks



Removable terminal blocks (RTBs) provide a flexible interconnection between your plant wiring and 1756 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. If you plan to use 2.5 mm² (14 AWG) wiring, also order the extended housing.



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

RTB Specifications - 1756-TBNH, 1756-TBSH, 1756-TBCH, 1756-TBS6H, 1756-TBE

Attribute	1756-TBNH	1756-TBSH	1756-TBCH	1756-TBS6H	1756-TBE
Description	20-position NEMA screw-clamp removable block	20-pin spring-clamp removable terminal block with standard housing	36-pin cage-clamp removable terminal block with standard housing	36-pin spring-clamp removable terminal block with standard housing	Extended depth terminal block housing
Screw torque	1.36 N·m (12 lb·in)	–	0.5 N·m (4.4 lb·in)	–	–
Wire size ⁽¹⁾	0.33...2.1 mm ² (22...14 AWG) solid or stranded copper wire, rated at 90 °C (194 °F) or greater, 1.2 mm (3/64 in.) insulation max Do not wire more than two conductors on any single terminal.	0.33...2.1 mm ² (22...14 AWG) solid or stranded copper wire, rated at 90 °C (194 °F) or greater, 1.2 mm (3/64 in.) insulation max Do not wire multiple conductors on any single terminal.	Single wire connection: 0.33...2.1 mm ² (22...14 AWG) solid or stranded copper wire, rated at 90 °C (194 °F) or greater, 1.2 mm (3/64 in.) insulation max Double wire connection: 0.33...1.3 mm ² (22...16 AWG) solid or stranded copper wire, rated at 90 °C (194 °F) or greater, 1.2 mm (3/64 in.) insulation max Do not wire more than two conductors on any single terminal.	0.33...2.1 mm ² (22...14 AWG) solid or stranded copper wire, rated at 90 °C (194 °F) or greater, 1.2 mm (3/64 in.) insulation max Do not wire multiple conductors on any single terminal.	
Screwdriver width	8 mm (5/16 in.) max	–	3.2 mm (1/8 in.)	–	–

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