

Technical Specifications

Attribute	5069-AEN2TR
Isolation voltage	300V (continuous), basic insulation type, SA, and MOD Power to backplane 300V (continuous), basic insulation type, SA to MOD Power 300V (continuous), basic insulation type, Ethernet to backplane 300V (continuous), double insulation type, Ethernet to MOD Power 300V (continuous), double insulation type, Ethernet to SA Power 50V (continuous), functional insulation type, Ethernet to USB 300V (continuous), basic insulation type, USB to backplane 300V (continuous), double insulation type, USB to MOD Power 300V (continuous), double insulation type, USB to SA Power No isolation between Ethernet ports Type tested at 1500V AC for 60 s
Dimensions (HxWxD), approx	138 x 98 x 137 mm (5.43 x 3.86 x 5.39 in.)
RTB	RTBs are available in separately ordered 5069 RTB kits. The MOD power connection uses a 4-point RTB, and the SA power connection uses a 6-point RTBs. The following kits are available: <ul style="list-style-type: none"> • Kit catalog number 5069-RTB64-SCREW contains RTB catalog numbers 5069-RTB6-SCREW and 5069-RTB4-SCREW • Kit catalog number 5069-RTB64-SPRING contains RTB catalog numbers 5069-RTB6-SPRING and 5069-RTB4-SPRING IMPORTANT: You must order RTBs separately. RTBs do not ship with COMPACT 5000 I/O EtherNet/IP adapters. We recommend that you order only the RTB type that your system requires.
Terminal screw torque (5069-RTB4-SCREW, 5069-RTB6-SCREW)	0.4 N•m (3.5 lb•in)
Wiring category ⁽³⁾	3 - on USB port 2 - on power ports 2 - on Ethernet ports
Wire size	
5069-RTB4-SPRING, 5069-RTB6-SPRING	0.5...1.5 mm ² (22...16 AWG) solid or stranded copper wire rated at 105°C (221 °F), or greater, 2.9 mm (0.11 in.) max diameter including insulation, single wire connection only
5069-RTB4-SCREW, 5069-RTB6-SCREW	0.5...1.5 mm ² (22...16 AWG) solid or stranded copper wire rated at 105°C (221 °F), or greater, 3.5 mm (0.14 in.) max diameter including insulation, single wire connection only
Insulation stripping length	
5069-RTB4-SPRING, 5069-RTB6-SPRING connections	10 mm (0.39 in.)
5069-RTB4-SCREW, 5069-RTB6-SCREW connections	12 mm (0.47 in.)
North American temp code	T4
ATEX temp code	T4
IECEx temp code	T4

(1) Maximum level of MOD Power current that the module is capable of passing through to the next module in the system. The specific level of current passed through varies based on system configuration.

(2) Maximum level of SA Power current that the module is capable of passing through to the next module in the system. The specific level of current passed through varies based on system configuration.

(3) Use this Conductor Category information for planning conductor routing. See the Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#).