

Specifications

Attribute	1783-BMS12T4E2CGL, 1783-BMS12T4E2CGP, 1783-BMS12T4E2CGNK	1783-BMS4S2SGL, 1783-BMS4S2SGA	1783-BMS06SA, 1783-BMS06SGL, 1783-BMS06SGA, 1783-BMS06SL, 1783-BMS06TA, 1783-BMS06TGL, 1783-BMS06TGA, 1783-BMS06TL, 1783-BMS10CL, 1783-BMS10CA, 1783-BMS10CGL, 1783-BMS10CGA,1783-BMS10CGP, 1783-BMS10CGN	1783-BMS20CL, 1783-BMS20CA, 1783-BMS20CGL, 1783-BMS20CGP, 1783-BMS20CGPK, 1783-BMS20CGN
Temperature, surrounding air, max	60 °C (140 °F)			
Enclosure type rating	None (open-style)			
Switch power input, max	12...48V DC, 0.5 ...3.0 A	12...48V DC, 0.5 ... 2.0 A		12...48V DC, 0.5 ...3.0 A
PoE power input	44...57V DC, 2.5 A max	—		
PoE+ power input	50...57V DC, 2.5 max	—		
Alarm relay	30V DC, 1.0 A, or 48V DC, 0.5 A			
Isolation voltage	60V (continuous), basic insulation type, DC power ports to ground, and PoE power ports to ground No isolation between individual Ethernet ports No isolation between PoE power and Ethernet ports No isolation between console port and system		50V (continuous), basic insulation type, DC power ports to ground, DC power ports to Ethernet ports, and DC power ports to alarm ports No isolation between individual Ethernet ports No isolation between console port and system	
Wire size, DC power connections	0.5...0.8 mm ² (20...18 AWG) solid or stranded, UL/CSA-rated style 1007 or 1569 twisted-pair copper appliance wiring material (AWM) wire (such as Belden part number 9318), 6.3 mm (0.25 in.) ± 0.5 mm (0.02 in.) strip length			
Wire size, ground connection	4.0 mm ² (12 AWG) min, stranded copper wire			
Wire size, alarm connections	0.5...0.8 mm ² (20...18 AWG) solid or stranded, UL/CSA-rated style 1007 or 1569 twisted-pair copper appliance wiring material (AWM) wire (such as Belden part number 9318), 6.3 mm (0.25 in.) ± 0.5 mm (0.02 in.) strip length			
Screw torque, power terminals	0.23 N•m (2.0 in•lb)			
Screw torque, ground terminals	0.4 N•m (3.5 in•lb)			
Screw torque, alarm terminals	0.23 N•m (2.0 in•lb), max			
Pilot duty rating	Alarm not rated			
North American temp code	T4			
ATEX temp code	T4			

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
Stratix Ethernet Device Specifications Technical Data, publication 1783-TD001	Provides specification information for Ethernet switches and other devices.
Stratix Managed Switches User Manual, publication 1783-UM007	Provides information about configuring, monitoring, and troubleshooting the switches.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, rok.auto/certifications	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at <http://www.rockwellautomation.com/global/literature-library/overview.page>. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.