

Allen-Bradley · Stratix 5700

1783-BMS20CL

20-Port Lite Managed Industrial Ethernet Switch

Product identity and technical data

Product family	Stratix 5700
Product type	20-port Lite managed industrial Ethernet switch
Total ports	20
Copper ports	16 Fast Ethernet RJ45
Combination ports	2 Fast Ethernet RJ45 / SFP
Dedicated SFP slots	2 Fast Ethernet
Firmware type	Lite
Device Level Ring	Supported
Power input	0.5...3.0 A maximum at 12...48 V DC, Class 2/SELV
Power consumption	21 W at 24 V DC and 40 °C; 30 W maximum
Alarm relay	1 A at 30 V DC; 0.5 A at 48 V DC
Isolation voltage	50 V continuous, basic insulation, DC power to ground/Ethernet/alarm

Documented role

1783-BMS20CL is an Allen-Bradley Stratix 5700 20-port Lite managed industrial Ethernet switch for EtherNet/IP networks.

It combines sixteen Fast Ethernet copper ports, two Fast Ethernet combination ports, two Fast Ethernet SFP slots, Device Level Ring support, DIN-rail mounting, and 12...48 V DC input.

Selection and installation checks

- Twenty Fast Ethernet ports combine sixteen RJ45 ports, two combination ports, and two SFP slots
- Lite firmware and Device Level Ring support are documented for the complete catalog number
- The switch accepts 12...48 V DC power and mounts on DIN rail in IP30 industrial installations

1783-BMS20CL is the Lite-firmware, 20-port Fast Ethernet variant; verify Series A, firmware, DLR port pair, RJ45/SFP media, IP/VLAN settings, 12...48 V DC power, alarm wiring, grounding, and backup before replacement.