

 Allen-Bradley 1783-BMS20CL product image



Catalog #: 1783-BMS20CL

Stratix 5700, 16 copper 10/100 ports, 2 combo(copper or SFP slot) 10/100 ports, 2 SFP 10/100 slots, lite FW

Lifecycle status: End of Life

Rockwell Automation announces that as of September 1, 2024, the Stratix 5700, 16 copper 10/100 ports, 2 combo(copper or SFP slot) 10/100 ports, 2 SFP 10/100 slots, lite FW will be discontinued and no longer available for sale. Customers are encouraged to remove references to the affected product(s).

Discontinued Date: September 1, 2024
Replacement Category: Engineering Replacement
Replacement Product: [1783-CMS20DB](https://www.rockwellautomation.com/pt-br/products/details.1783-CMS20DB.html)
[<https://www.rockwellautomation.com/pt-br/products/details.1783-CMS20DB.html>]

Technical Specifications

Mechanical

Width	12.7 cm
Height	12.95 cm
Depth	13.58 cm
Approximate weight	2.04 kg
Screw torque, ground terminal, maximum	0.96 Nm
Screw torque, power and alarm terminals	0.23 Nm

Electrical

Number of ports 10/100 Mbps RJ45	16
Number of combination-ports RJ45/Mini GBIC	2
Layer 2	No
Layer 3	No
Manageable	Yes
Power consumption, maximum	30 W
Power dissipation	30 W

Temperature, surrounding air, maximum	60 °C
EFT/B immunity for IEC 61000-4-4 at 100 kHz on DC power ports	±2 kV
EFT/B immunity for IEC 61000-4-4 at 100 kHz on Ethernet ports	±1 kV
EFT/B immunity for IEC 61000-4-4 at 5 kHz on alarm ports	±2 kV
EFT/B immunity for IEC 61000-4-4 at 5 kHz on Ethernet ports	±2 kV
Emissions, CISPR11 (IEC 61000-6-4)	Class A
ESD immunity, IEC 61000-4-2, air discharges	15 kV
ESD immunity, IEC 61000-4-2, contact discharges	8 kV
Radiated RF immunity, IEC 61000-4-3 with 1 kHz sine-wave 80% AM from 1000 - 2700 MHz	10 Kg/Km
Radiated RF immunity, IEC 61000-4-3 with 200 Hz 50% pulse 100% AM at 900 MHz	20 Kg/Km
Shock, non-operating, IEC 60068-2-27 (test Ea, unpackaged shock)	55 g
Shock, operating, IEC 60068-2-27 (test Ea, unpackaged shock)	30 g
Surge transient immunity, IEC 61000-4-5, line-earth (CM) on Ethernet ports	±2 kV
Temperature, operating, IEC 60068-2-1 (test Ad, operating, cold)	-40 °C
Temperature, operating, IEC 60068-2-14 (test Nb, operating, thermal shock)	-40 °C
Temperature, operating, IEC 60068-2-2 (test Bd, operating, dry heat)	-40 °C
Selectable start times	T4
Conducted RF immunity, IEC 61000-4-6 with 1 kHz sine-wave 80% AM from 150 kHz - 80 MHz (rms)	10 V
Damped oscillatory wave immunity, IEC 61000-4-18, line-earth (CM) on power ports	±2.5 kV
Damped oscillatory wave immunity, IEC 61000-4-18, line-line (DM) on power ports	±1 kV
EFT/B immunity for IEC 61000-4-4 at 100 kHz on alarm ports	±1 kV
EFT/B immunity for IEC 61000-4-4 at 2.5 kHz on alarm ports	±4 kV
EFT/B immunity for IEC 61000-4-4 at 2.5 kHz on Ethernet ports	±4 kV
EFT/B immunity for IEC 61000-4-4 at 5 kHz on DC power ports	±4 kV

Radiated RF immunity, IEC 61000-4-3 with 1 kHz sine-wave 80% AM from 80 - 1000 MHz	20 Kg/Km
Relative humidity, IEC 60068-2-30 (test Db, unpackaged damp heat), non-condensing	5 %
Surge transient immunity, IEC 61000-4-5, line-earth (CM) on DC power ports	±2 kV
Surge transient immunity, IEC 61000-4-5, line-line (DM) on DC power ports	±1 kV
Temperature, non-operating, IEC 60068-2-1 (test Ab, unpackaged non-operating cold)	-40 °C
Temperature, non-operating, IEC 60068-2-14 (test Na, unpackaged non-operating thermal shock)	-40 °C
Temperature, non-operating, IEC 60068-2-2 (test Bb, unpackaged non-operating dry heat)	-40 °C
Vibration, IEC 60068-2-6 (test Fc, operating) at 10 - 500 Hz	2 g
Voltage variation IEC 61000-4-29, interruption on DC power ports	10 ms

Certifications

- China CCC

This product was certified with the above certifications as of 2024-06-27. Products sold before or after this date might carry different certifications. Please review the product label to check for the certifications your specific product carries.



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