



CompactLogix EtherNet/IP Web Server Module

Catalog Number 1768-EWEB

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Specifications

Technical Specifications - 1768-EWEB

Attribute	1768-EWEB
Backplane current	834 mA at 5.2V DC
Power consumption	4.34 W
Power dissipation	4.38 W
Isolation (continuous-voltage rating)	30V, Functional Insulation Type, Ethernet network to system Type tested at 710V DC for 60 s
Wire Size	Ethernet network connections: RJ45 connector according to IEC 60603-7, 2 or 4 pair Category 5e minimum cable according to TIA 568-B.1 or Category 5 cable according to ISO/IEC 24702
Wiring category ⁽¹⁾	2 - on communication ports
North American temp code	T4A
IEC temp code	T4
Mounting screw torque	1.16 N•m (10 lb•in), using M4 or #8 screws
Dimensions (HxWxD), approx.	132 x 56.7 x 105.1 mm (5.20 x 2.23 x 4.12 in.)
Weight, approx.	0.213 kg (7.5 oz)

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

Environmental Specifications - 1768-EWEB

Attribute	1768-EWEB
Temperature, operating • IEC 60068-2-1 (Test Ad, Operating Cold) • IEC 60068-2-2 (Test Bd, Operating Dry Heat) • IEC 60068-2-14 (Test Nb, Operating Thermal Shock)	0...60 °C (32...140 °F)
Temperature, nonoperating • IEC 60068-2-1 (Test Ab, Unpackaged Nonoperating Cold) • IEC 60068-2-2 (Test Bb, Unpackaged Nonoperating Dry Heat) • IEC 60068-2-14 (Test Na, Unpackaged Nonoperating Thermal Shock)	-40...85 °C (-40...185 °F)
Relative humidity • IEC 60068-2-30 (Test Db, Unpackaged Damp Heat)	5...95% noncondensing
Vibration • IEC 60068-2-6 (Test Fc, Operating)	5 g @ 10...500 Hz
Operating shock • IEC 60068-2-27 (Test Ea, Unpackaged Shock)	30 g
Nonoperating shock • IEC 60068-2-27 (Test Ea, Unpackaged Shock)	50 g
Emissions • CISPR 11	Group 1, Class A
ESD immunity • IEC 61000-4-2	4 kV contact discharges 8 kV air discharges
Radiated RF immunity • IEC 61000-4-3	10V/m with 1 kHz sine-wave 80%AM from 30...2000 MHz 10V/m with 200 Hz 50% Pulse 100%AM at 900 MHz 10V/m with 200 Hz 50% Pulse 100%AM at 1890 MHz 1V/m with 1 kHz sine-wave 80%AM from 2000...2700 MHz
EFT/B immunity • IEC 61000-4-4	±2 kV at 5 kHz on communication ports

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Environmental Specifications - 1768-EWEB

Attribute	1768-EWEB
Surge transient immunity • IEC 61000-4-5	±2 kV line-earth(CM) on communication ports
Conducted RF immunity • IEC 61000-4-6:	10V rms with 1 kHz sine-wave 80%AM from 150 kHz...80 MHz
Enclosure type rating	None (open-style)

Certifications

Certification (when product is marked) ⁽¹⁾	Value
c-UL-us	- UL Listed Industrial Control Equipment, certified for US and Canada. See UL File E65584. - UL Listed for Class I, Division 2 Group A,B,C,D Hazardous Locations, certified for U.S. and Canada. See UL File E194810.
CE	European Union 2004/108/EC EMC Directive, compliant with: - EN 61326-1; Meas./Control/Lab., Industrial Requirements - EN 61000-6-2; Industrial Immunity - EN 61000-6-4; Industrial Emissions - EN 61131-2; Programmable Controllers (Clause 8, Zone A & B)
C-Tick	Australian Radiocommunications Act, compliant with: AS/NZS CISPR 11; Industrial Emissions
Ex	European Union 94/9/EC ATEX Directive, compliant with: - EN 60079-15; Potentially Explosive Atmospheres, Protection "n" - EN 60079-0; General Requirements II 3 G Ex nA IIC T4
EtherNet/IP	ODVA conformance tested to EtherNet/IP specifications

(1) See the Product Certification link at www.ab.com for Declarations of Conformity, Certificates, and other certification details.