

Digital Controller XC Series

Compact and Lightweight DC Controller



1024-step light intensity

Continuous and strobe lighting control

Ethernet communications control

2 channels

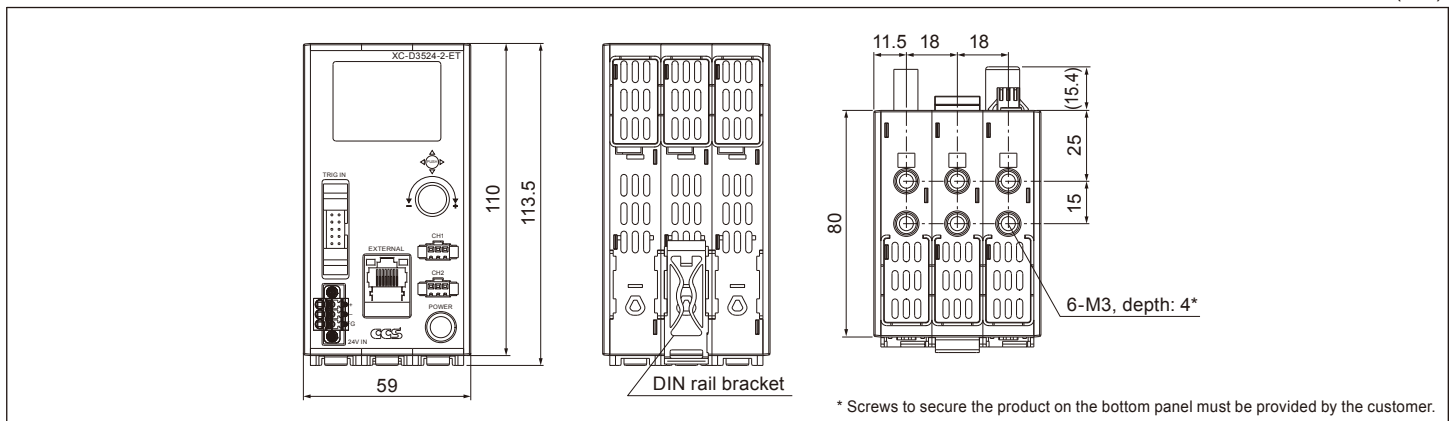
Specifications

Model name		XC-D3524-2-ET
Applicable Light Units (ratings)		24 VDC 35W (2 channels total)
Power consumption (typ.)		40 W
Output voltage		24 VDC (rating)
Output current (rating)		1.4 A (2 channels total)
Output connectors		SMP-03V-BC x 2
Drive method		Constant-voltage system
Intensity control method		PWM control (PWM frequency: 125.1 kHz) and lighting time control
Lighting method		Continuous lighting/Strobe lighting *1
Intensity setting	Manual	1024-step using the front panel
	External	Command input through TCP/IP, UDP/IP communications (1024 steps)
Lighting mode setting	Manual	11-step using the front panel
	External	Command input through TCP/IP, UDP/IP communications (11 steps)
Number of channels		2 channels
Input voltage		24 VDC (rating), 21.6 to 26.4 VDC (range)
Error detection display		LCD
Error detection output		Transistor output through external control connector Normal operation: Open, Overcurrent output detected: Closed
Insulation withstand voltage (input/output-FG)		240 VAC for one minute, cutoff current: 10 mA, 50 VDC, 20 MΩ min.
Operating temperature and humidity		Temperature: 0 to 40°C, Humidity: 20% to 85% (with no condensation)
Storage temperature and humidity		Temperature: -20 to 60°C, Humidity: 20% to 85% (with no condensation)
Vibration resistance		Acceleration: 19.6 m/s ² , frequency: 10 to 55 Hz, cycles: 3 minutes, sweep cycle: for 1 hour each in X, Y, and Z directions
Cooling method		Natural air cooling
CE Marking		EMC standards: Conforms to EN 61000-6-2 and EN 61000-6-4
Environmental regulations		RoHS compliant
Input connector		24 VDC input: 3-pin terminal block x 1
External control connector		Trigger input *2: MIL connector (MIL-C-83503 compliant), 10-pin, Light Intensity and mode settings: RJ-45
Materials and surface processing		Resin and steel sheet (only for the front panel)
Weight		250 g
Accessories		Instruction Guide x 1

*1 This is not overdrive strobe lighting with an enhanced voltage. *2 An optional cable, EXCB2-M10-3 (3m, sold separately), is available.

Dimensions

(mm)



**We accept custom orders for Light Units, Control Units, cables, and other options.
Please contact your CCS sales representative for details.**

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