



Product Controller	Type	Items
	Climate Ready® EZZ D-DC12 / FT	Product Information and installation

**Description** The Climate Ready® EZZ D-DC12 / FT is a wireless dual motor controller designed specifically for the control of motorized shades and is installed at Fire and Emergency exits. It is compatible with roller, venetian and louver style shading products. The unique and shading specific ST[a]ARS (for Roller Blinds) and ST[a]ATS (for venetian blinds and louvers) allow a highly precise adjustment of the shading system according to an astrophysical Solar Path Calculus. In addition to controlling 2 motors, each controller is capable of accepting 6 dry contacts. Optional Control Point modules allow for the addition of sensors and A/V system integration. The Climate Ready® EZZ D-DC12 / FT Motor Controller can operate stand-alone or networked using wireless BACnet over ZigBee PRO.

**Application** The Climate Ready® EZZ D-DC12 / FT Motor Controller positions facade element/s based on input from:

- Users** - WiFi Smart Switch or Climate Ready® Building Manager Software
- Solar Path Calculus with FIM (Facade Intelligence Modelling)** - solar tracking based on building location, distance, height and facade orientation
- Sensors** - including sun, wind, temperature and occupancy
- BMS or A/V Systems** - BACnet over ZigBee PRO WiFi, or dry contact via USB hub
- Scheduling** - any operational parameter can be scheduled to meet specific shading needs.
- FIP** - Fire Trip Panels (NC contact - voltage free).

Technical data		
Supply voltage	240 VAC at 50 Hz (power lead with Australian plug)	Built-in 12 VDC battery with automatic charger and power fail detection.
Dimensions	Length - 210 mm / Width - 130 mm / Height - 80 mm	
Output	2 x 12 VDC - max. 3A (4 core cable with inline connector)	
Data network	BACnet over ZigBee max. 115,200 bps - max. 127 devices per segment	
Rating	UL Certified	
Environmental	0 - 55°C at 0 - 95% RH (non-condensing)	
USB connection	Micro USB connection for data connection and USB switch expansion	
Switch connection	3 - pin Phoenix screw terminal	
Power connection	Wired supply cable with Australian plug.	

Connectors	Connector	Connector Type	Cable Required
	Power input	Hardwired to internal detachable Phoenix screw terminals	3 conductor (2+ ground) 14 AWG max
	Motor output 2	Hardwired to internal detachable Phoenix screw terminals	4 conductor (3+ ground) 14 AWG max
	Digital inputs 5	Screw terminal	CAT 6
	Universal Serial Bus (USB)	Micro USB connector	Standard USB adaptor cable.

Internal LED Indicators	Name	Colour	Indication
	Power	Blue	Power is connected to the unit
		Off	Power is not connected to the unit
	Status	Red	Solid: No valid program Blinking: Error condition exists
		Off	Unit functioning normally
	Network	Yellow	Activity on the network
		Off	No activity on the network.

Buttons	Button	Function
	Up	Signals motor selected to move
	Down	Signals motor selected to move
	Bind	ZigBee PRO
	Net	
	Function	Select motor channel.