



Product Controller	Type Climate Ready® EZ2 N-DC12 / FT	Items Product Information and installation
Description	<p>The Climate Ready® EZ2 N-DC12 / FT is a wireless dual motor controller that operates facade element/s for eg. shading systems, ventilation systems and other motorised systems and is installed at Fire and Emergency exits. Included is a basic software package the Horiso Smart Motor Control that provides safety soft limits (prevents damage if motor limits fail). Precise facade element/s adjustment in angle degree or mm for facade uniformity, preset stops, programmable parameters and basic scheduling. 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 audio visual system integration. The Climate Ready® EZ2 N-DC12 / FT Motor Controller can operate stand-alone or networked using wireless BACnet over ZigBee PRO.</p>	
Application	<p>The Climate Ready® EZ2 N-DC12 / FT Motor Controller positions facade element/s based on input from:</p> <p>Users - WiFi Smart Switch or Climate Ready® Building Manager Software</p> <p>Sensors - including sun, wind, temperature and occupancy</p> <p>BMS or A/V Systems - BACnet over ZigBee PRO WiFi, or dry contact via USB hub</p> <p>Scheduling - any operational parameter can be scheduled to meet specific shading needs.</p> <p>FIP - Fire Trip Panels (NC contact - voltage free).</p>	
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.