

Vector TCX2-24273-230



TCX2-24273-230 Complete Kit comes with:

- Wall Mounted Touchscreen Touchpad
- 240V Control Module
- 12cm Duct Sensor
- Memory Card With Multiple Program Configurations - 311,311A,122,122A,122 with CO2 & Economy
- BACnet or Modbus plugin option for BMS Connectivity

This kit can be used to replace most common package unit controllers your technicians will come across during regular maintenance or breakdown call outs.

FEATURES

- Onboard interface with backlit LCD display
- Optional remote wall mounted Touchscreen LCD OPT1.
- BACnet and Modbus plug-in communication options
- Programmable time clock schedules, with options including change of setpoints and direct position of manual outputs.
- Economy mode based on enthalpy or temperature.
- CO₂ control with economy damper override function.
- CO control for car park applications
- Humidity control with set point shift function
- Pre-configured applications eliminating engineering costs
- Easy program duplication with plug-in memory module

APPLICATIONS

- Package units
- Fan coil units
- VAV with reheat/recool
- Air handlers
- Fan, Pump control
- Car park ventilation
- Humidifiers
- Dehumidifiers
- Ventilation
- Pressurisation / Pressure control
- Radiant heating/cooling
- Heat exchangers



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TECHNICAL SPECIFICATION			TCX2-24273-230
Environmental	Operation	Temperature Range	0 to +50 °C
		Humidity	< 95% r.H. non-condensing
Electrical	Power Supply	Supply Voltage	230VAC ± 10%
		Power	Max. 10 VA
		Connection Type	Plug-in terminal block
		Clock Backup	Min. 48 hours
Signal Inputs	Universal Input		Voltage or Current
	Input Signal		0 to 10V DC, 0 to 20mA
	Resolution		10-bit (9.76mV resp. 0.019mA)
	Impedance		Voltage: 98kΩ, Current: 240Ω
	Passive Input		Temperature (RT) or digital input (DI)
	Type and Range		NTC: -40 to 140°C (-40 to 284°F)
Signal Outputs	Analogue Outputs	Output Signal	0 to 10V AC, 0 to 20mA (500Ω max.)
		Resolution	10-bit (9.76mV resp. 0.019mA)
		Maximum Load	Voltage: ≥ 1kΩ, Current: ≤ 500Ω
	Relay Outputs	AC Voltage	0 to 250V AC, full-load current 3A, locked-rotor 18A
		DC Voltage	0 to 30V DC, full-load current 3A, locked-rotor 18A
	Insulation Strength	Between relay contacts and system electronics	3750V AC
		Between neighbouring contacts	1250V AC
Communications	RS-485 (Optional plug-in module)		BACnet MS/TP, Modbus RTU, Modbus ASCII
Physical Characteristics		Enclosure Material	PC + ABS plastic
		Degree of protection	IP20
		Mounting	DIN-rail or screw holes
		Dimensions	57 x 147 x 115 mm

