

UNIVERSAL CONTROLLER



Features

- Quick and easy to install and commission
- Pre-set parameters control the fan's speed in proportion to demand
- Connection facility for 2 sensors
- 2 outputs 0-10 V for activation of a subsequent speed controller
- 2 digital outputs (relay) programmable (e.g. status signals, threshold values)
- 5 digital inputs programmable (e.g. enable function, target value 1/2, controller output limitation, automatic/manual switch over)
- Integration into bus system via RS485 interface, MODBUS-RTU
- Supply as either 24V supply from control unit or 240V from AC supply

DESCRIPTION

The Universal Controller helps create a demand control ventilation system. A complete universal controller which includes temperature, CO₂, differential pressure, air velocity and air volume control.

TECHNICAL DATA

Model Number	Input Power	Mount Type	Clock	Protection Class	Dimensions, mm (W x H x D)
DCV-CU-CXE-AV	1~ 230V 50/60Hz	Wall	-	IP54	223 x 200 x 115
DCV-CU-CXE-AVE	1~ 230V 50/60Hz	Panel mount	-	IP54	166 x 106 x 105 (max)
DCV-CU-CXE-AVC	1~ 230V 50/60Hz	Wall	Real-time clock	IP54	223 x 200 x 115
DCV-CU-CXG-48AV	24V AC	Wall	-	IP54	223 x 200 x 115
DCV-CU-CXG-48AVE	24V AC	Panel mount	-	IP54	166 x 106 x 105 (max)
DCV-CU-CXG-24AV	24V DC	Wall	-	IP54	223 x 200 x 115
DCV-CU-CXG-24AVE	24V DC	Panel mount	-	IP54	166 x 106 x 105 (max)
DCV-CU-CXE-400AV	3~ 400V 50/60Hz	Wall	-	IP54	223 x 200 x 115
DCV-CU-CXE-400AVC	3~ 400V 50/60Hz	Wall	Real-time clock	IP54	223 x 200 x 115

WIRING DIAGRAM

