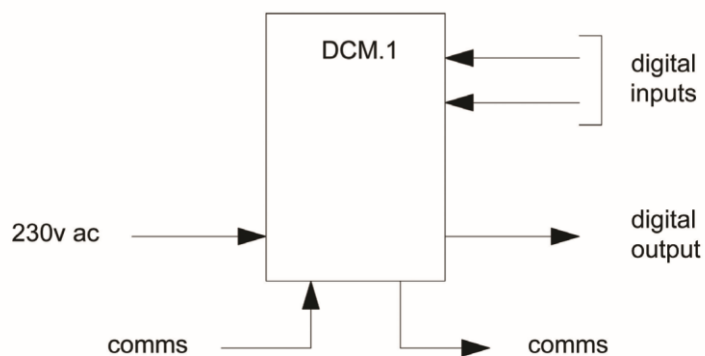


DCM.1 Damper Control Unit

This is an addressable module providing 2 inputs and 1 output for use with Blue River Controls Ltd addressable systems. Although it can be used for general purposes the DCM.1 was specifically designed for use with motorised fire / smoke dampers.

SCHEMATIC DRAWING



Technical Data

Inputs	2 off 24vdc 10mA requiring volt free contacts	
Output	230v option	1 off 230v ac 1A max 24v ac/dc option 1 off 24v 1A max
Output override	A plug-in link is available to force on the output. This can be useful when commissioning to open the damper before comms is established, e.g. for air balancing.	
Power Supply	230v ac 30mA + motor current 24v dc 30mA + motor current	
Loop current	1.5mA	
LED indicators	Red	damper closed
	Green	damper open
	Amber	command on
	Flashing red	communicating with panel
Connections	Pluggable screw terminals max 2.5mm ²	
Housing material	Powder coated mild steel	
Protection class	IP44	
Colour of housing	Signal Blue to RAL 5005	
Dimensions	150mm (w) x 150mm (h) x 50mm (d)	
Addressing	1 to 100 using an 8-way DILswitch	
Working environmental range	0 – 90% RH (non condensing) -5 to +55°C	
Storage environmental range	0 – 90% RH (non condensing) -20 to +60°C	

WIRING DIAGRAM

