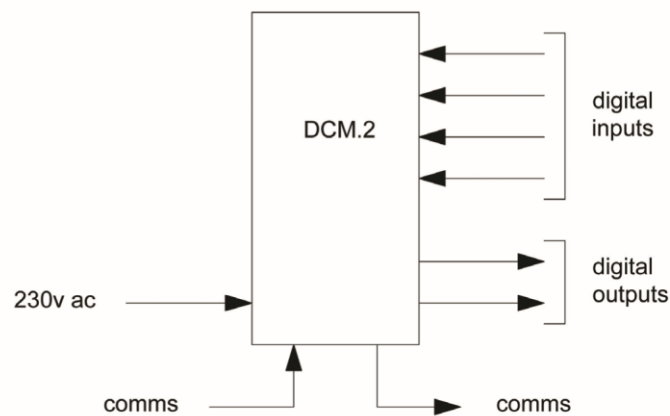


DCM.2 Damper Control Unit

This is an addressable module providing 4 inputs and 2 outputs for use with Blue River Controls Ltd addressable systems. Although it can be used for general purposes the DCM.2 was specifically designed for use with motorised fire / smoke dampers.

SCHEMATIC DRAWING



Technical Data

Inputs	4 off 24vdc 10mA requiring volt free contacts
Output	230v option 2 off 230v ac 1A max 24v ac/dc option 2 off 24v 1A max
Output override	Plug in links are 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 60mA + motor current 24v dc 60mA + motor current
Loop current	2.5mA
LED indicators	2 x Red damper closed 2 x Green damper open 2 x 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	225mm (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

