

DCM DAMPER CONTROL MODULE



Description

The **DCM** Damper control module is an addressable field unit for use with the Blue River Controls Ltd **S90C** controller

The unit provides 2 inputs and 1 output on a system where field units are connected together on a 2 wire communications bus.

Up to 100 **DCM**'s can be connected on the **S90** loop or mixed with other types of **S90** units.

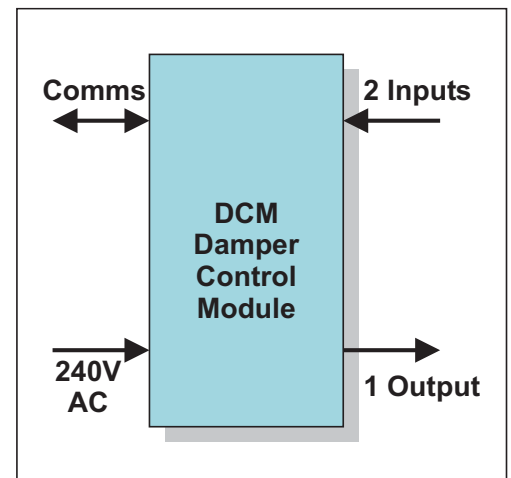
The unit can be used as a general purpose **2DI/1DO** input/output unit, but was specifically designed for controlling smoke and fire dampers.

When building a system, the total current must be calculated to ensure correct operation based on the type and length of installed cable (See separate leaflet for current calculation).

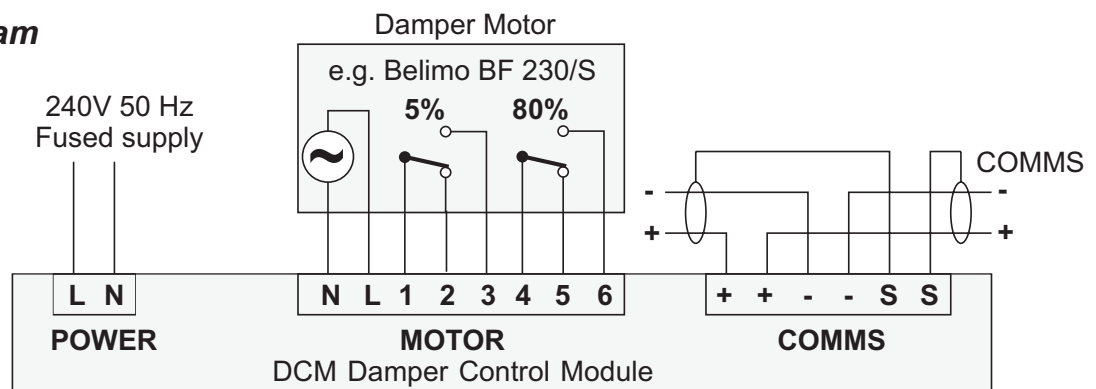
Technical Data

Inputs	2 off 24V DC 10 mA requiring voltfree contacts
Output	240v ac 1A max
Power Supply	240V AC (alternative 24V AC or DC) 30 mA + Motor current
Loop Current	1.5 mA
Dimensions	W 86mm - L 150mm - H 37mm
Indication	LED's are provided as follows :- 2 LED's - input status 1 LED - output status 1 LED - comms activity
Addressing	An 8 way DIL switch is provided for setting an address in the range 1 - 100

Schematic Diagram



Wiring Diagram



Notes :-

Terminals + + are linked, Terminals - - are linked
Terminals S S are linked and provide a through connection for the comms cable screen but are not earthed to the unit.