

FCM FAN CONTROL MODULE



Description

The FCM Fan Control Module is an addressable field unit for use with the Blue River Controls Ltd **S90C** controller

The unit provides 8 inputs and 2 outputs on a system where field units are connected together on a 2 wire communications bus.

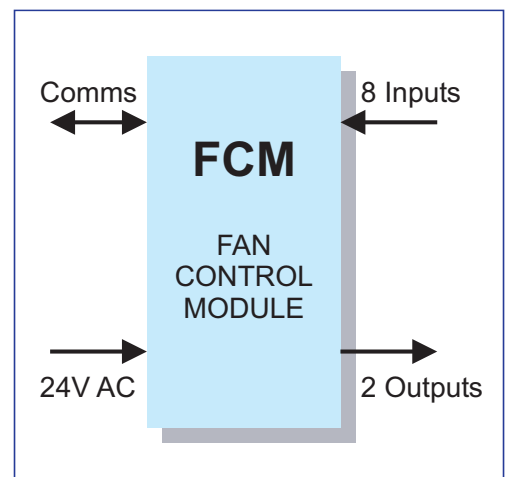
Up to 100 FCM Fan Control Modules can be connected on an **S90** loop or mixed with other types of **S90** units

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)

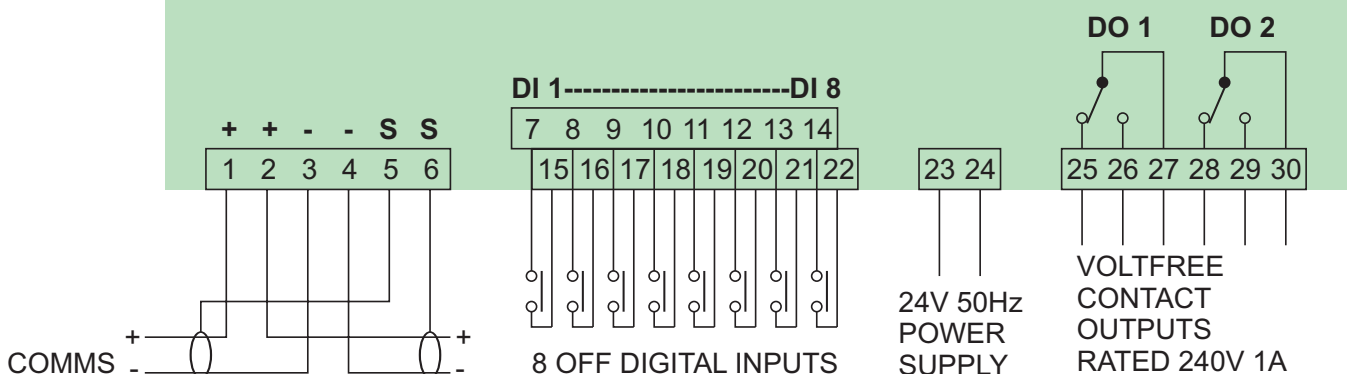
Technical Data

Inputs	8 off 24V DC 10mA requiring voltfree contacts
Outputs	2 off plug-in relays providing voltfree changeover contacts rated at 1 Amp 240V 50Hz (30V DC)
Power Supply	24V AC or DC - 120 mA
Loop Current	2.5 mA
Dimensions	W 104mm - L 145mm - H 50mm
Indication	LED's are provided as follows :- 8 LED's - Input status 2 LED's - Output status 1 LED - Comms activity
Addressing	An 8 way DIL switch is provided for setting an address in the range 1 to 100

Schematic Diagram



FCM Fan Control Module WIRING DIAGRAM



Notes :-

- Terminals 15 to 22 are linked together on the unit
- Terminals 1 & 2 are linked
- Terminals 3 & 4 are linked
- Terminals 5 & 6 are linked and provide a through connection for the comms cable screen but are not earthed to the unit