

iCon – I/O Relay Board (Model CC771 -r16-d5-a1)



Technical Specification

Model

Model	CC771-r16-d5-a1
	16 Relay Outputs : Zone+ Boiler+ Manifold Pump+ Selectable DHW
	5 Digital Inputs
	1 Analog Output

Mechanical

Dimensions	323mm x 168mm x 62mm
Material	ABS
Mounting	Wall Mounted – 4 fixed Points
Cable Entry Holes	200m Diameter - Suite PG11 Glands
Protection Rating	IP50 (when mounted) (Note Cable Hole must have Glands)

Electrical

Supply Voltage	240VAC 50/60 Hz
Power Rating	5 WATT Max
Fuse	1Amp Slow Blow; Resettable; Size 5 x 20mm
Connections Points	Screw Terminal

Environment

EMC Immunity	EN61000-6-1
EMC Emissions	EN61000-6-3
Ambient Temperature	0-40°C
Ambient Humidity	0-90% RH non -condensing

Communications

RS485	Baud Rate: 4800
Address	16 Unique Addresses set via a 4 Way DIP switch
Connection Points	4 Way Screw Terminal
Cable	4 Core (Retrofit Applications require 8 Core) 24 awg (7/32awg - 0.2mm) stranded tinned annealed copper conductors 100% Overall foil screened Color Coded UL2464 compliant
Termination	Jumper

Interface

Power Live	Red Led x 1
Relay Active	Red Led x 16

Inputs/Outputs

Powered Relay Outputs

Number	12 Max
Voltage	230VAC
Fuse	2Amp; Resettable; Size 5 x 20mm Outputs are fused in pairs
Power Rating	200 Watts - Per Relay (Max 400 watt per Fuse)
Connections Points	Screw Terminal; 3 Connections Points per Output

Switch/Live Relay Outputs

Number	4 Max
Voltage	240VAC, 24VAC
Fuse	Outputs are fused individually 4Amp; Resettable; Size 5 x 20mm
Power Rating	Max 800 watt per 4 Amp Fuse
Connections Points	Screw Terminal; 3 Connections Points per Output

Inputs

Number	5 Max
Type	Volt Free
Connections Points	Screw Terminal

Analogue Output

Number	1
Voltage	0-10V
Supply Voltage	24VAC
Power Rating	3WATT
Connections Points	Screw Terminal Incorrect Wiring WILL blow the Analog Output circuitry

Features

I/O Relay Board Features

I/O Modules	8 Max (Networked)
Configurable Outputs	128
Power Outputs	96 Outputs Max
Switch Live Outputs	32 Outputs Max
Network	Single Wire Network
Configurable	All outputs configurable
Fusing – Powered Outputs	Powered Outputs in Pairs
Fusing – Volt Free Outputs	Switch Live Outputs Individually Fused
3 Way Output Terminal Blocks	Allow for 3 Actuator per Output
Output Terminal Blocks	Stacked for ease of wiring
Analogue Output	0-10V
Configurable Inputs	Programmable Override & Enable

Please note:

Comeragh Controls employs continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest revision.