

Fluorescent Dimming Control Box

FDC2

2 channels



FDC2



Operation method:

1. Press & hold "UP" button in UP/DN Contact Station: Output1 & 2 fade up.
2. Fading stops when button releases.
3. Press & hold "DOWN" button in UP/DN Contact Station: Output1 & 2 fade down.
4. Fading stops when button releases.
5. Either input1 or 2 could take control by pressing button.
6. When FDC2 power off, ballast output will be at "full" & no dimming can be done.
7. When FDC2 power up, ballast output will remain at full until UP/DN Contact Station take action.
8. It takes 5 seconds to fade up from 0-100%.

The fluorescent dimming control box is high performance, reliable and ideal for architectural lighting control. It is made of steel construction chassis for wall mount application. This simple device receives contact-and-hold signal to dim the fluorescent light up and down. Various 3rd party dimming switches can be worked with.

Mechanical Data

Construction	Rigid steel sheet front panel, Chassis made of steel sheet construction.
Paint / finish	steel chassis coated with grey epoxy-polyester powder paint.
Mounting	Wall mount by 4 screws

Electrical Data

Power input	200VAC ~ 240VAC single phase two wires plus earth Input cable
Frequency	50Hz
Protection	5A fused
No of outputs	2 channels of same 0 -10V DC output,
No of Inputs	2 inputs: UP/COM/DOWN for each input
Input action signal	Action when hold, stop when release, either one input signal works at the same time
LED status indicator	Power, working signal, individual channel indicators

Operational Data

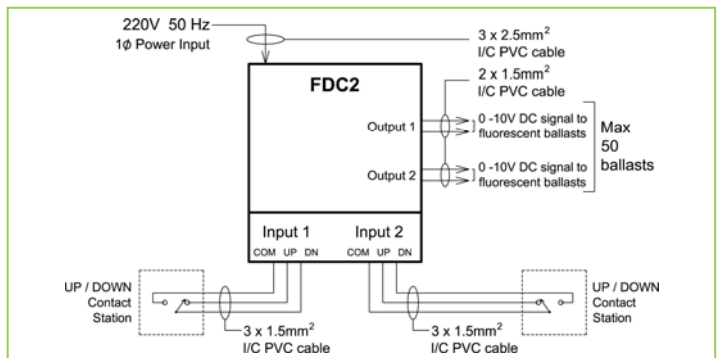
When power OFF	Output at high impedance open circuit (Ballast at FULL)
When power RESUME	Output at high impedance circuit first (Ballast at FULL)

Environmental Data

Operation humidity	5-95% non-condensing
Operation temperature	0-40°C (32-104°F)

Physical Data

Net weight	2.5 kg
Gross weight	3.5 kg
Packing size	260W /65 D / 330H



Macostar reserves the right to change the specification without prior notice.
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