

Fire Door Control Panel Datasheet

FDCP Control Panel



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The FDCP Fire Door Control Panel is designed for 230Vac tubular motors, enabling automatic door operation in response to a fire signal now with emergency re-open command. It features built-in time delays, an LED warning backlight, and a 90dB alarm sounder to ensure clear alerts in emergency situations. Daily operation is managed through connected switching devices, with added safety provided by a photocell connection or stop circuit, making it a reliable choice for fire safety. Can be used in conjunction with FDR Fire Door Repeater Panel.



Key Features - Normal Operation

- Selectable impulse/ deadman open + close
- Normally closed safety circuit for impulse closing.
- Adjustable Auto-Close function with appropriate safety devices.
- Adjustable motor run time.
- Connection for Safety Brake or Stop Button .
- Impulse/Go command.
- Auxiliary Relay for 3.5 min courtesy light. Also, light can pulse 3 times before door operation.

Key Features - Fire Signal Activation

- Audio visual alarm on fire signal activation.
- Selectable door opening or closing is possible.
- Normally open or normally closed volt-free fire signal.
- Immediate door operation or adjustable delay timer - delay 20s to 5 mins (in 20s increments).
- Staged closing - pulse and pause times can each be set between 1-15s. This can extend the time taken for the door to close to allow people to exit.
- Emergency re-open command - When the fire signal is active the door can be reopened to allow people to escape - Dead man command - When the command is released, the door will re-close.

Technical Data

Power Supply	230v - 50Hz
Max Motor Load	2.4A @ 230v or 500Watts
Max Accessories Load	150mA @ 24v d.c
Working Temp	-15 to +55°C
Protection Fuses	Mains: F1 = T6.3A, Delayed Ext 24v d.c: F2 = T250mA, Delayed
Sounder	98 dB (Decibels)
Enclosure Rating	IP 20
Dimensions (mm)	180 (w) x 180 (h) x 65 (h)
Weight (g)	300



CERTIFICATE

ATTESTATION of conformity with UK legislation

Certificate's Holder : Marantec UK Limited

Address : Unit 10 Christelton Court, Runcorn, Cheshire, WA7 1ST

Manufacturer : Marantec UK Limited

Address : Unit 10 Christelton Court, Runcorn, Cheshire, WA7 1ST

Product Name : Marantec FDCP

Product Model (S) : FDCP

Trade Mark : Marantec

Complies with the requirements of the:

UK EMC Regulations (SI 2016/1091):Emissions(Schedule 1.1.a)	:	BS EN IEC 55014-1:2021 BS EN IEC 61000-3-2:2019 + A1:2021 BS EN 61000-3-3:2013 + A1:2019 + A2:2021
UK EMC Regulations (SI 2016/1091):Immunity(Schedule 1.1.b)	:	BS EN IEC 55014-2:2021

Certificate Number : HK2409125309E

Report No. : HK2409125309-1ER

Registration Date : Nov. 11, 2024

Certification Manager

General Remarks:

The tests were performed in normal operation mode.

The test results apply only to the particular sample tested.

This verification does not imply assessment of the production of the product

The UKCA marking may be affixed on the product if all relevant UK legislations are fulfilled

