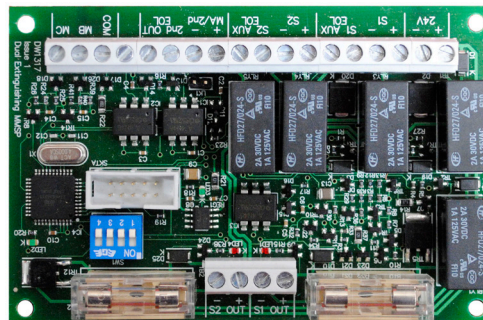


FIRE-CRYER® EXTINGUISHANT CONTROLLER

The Fire-Cryer® Extinguishing Controller (EP2) allows the integration of Fire-Cryer® sounders with gas suppression systems, delivering the proven effectiveness of voice enhanced audible signalling.

By sensing the voltage and pulsing applied to the 1st and 2nd stage extinguishing panel outputs it enables three separate 'stage' voice messages and a 'hold' message to be broadcast using Fire-Cryer® voice sounders with integral beacon.

(See 'Message Option D' for the standard message set).



Specification

Weight	0.10 Kg
Dimensions (LxWxH)	110mmx72mmx15mm
Pitch Dimensions (LxW)	102mmx63.5mm
Operating Voltage	20-28 Vdc
Current Consumption (Monitoring)	18mA
Current Consumption (Alarm)	60mA + Sounder Load
Number of Fixing Holes	4
Fixing Point Diameter	3.88mm
Maximum load per sounder circuit	1A at 24 Vdc

Part Number

FC3/EP2	Extinguishant Interface for use with Gas extinguishant panels
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Part Numbers - Fire-Cryers

FC3/A/R/O/S	Red, Shallow
FC3/A/R/O/D	Red, Deep Base IP66
FC3/A/W/O/S	White, Shallow
FC3/A/W/O/D	White, Deep Base IP66
FC3/A/R/R/S	Red with Red Beacon, Shallow
FC3/A/R/R/D	Red with Red Beacon, Deep Base IP66
FC3/A/W/R/S	White with Red Beacon, Shallow
FCS/A/W/R/D	White with Red Beacon, Deep Base IP66

FIRE CRYER®

Requires a 24 Vdc supply from the control panel or an auxiliary power supply.

Process flow for all alarm stages:

1. Quiescent stage (board energised).
2. Constant 24 Vdc applied to S1 or S2 inputs, the 1st stage message broadcast.
3. Pulsed 24 Vdc applied to 2nd Stage input, pulse frequency 1 second on & 1 second off, stage 2 message is broadcast.
4. Constant 24 Vdc applied to 2nd Stage input, 3rd stage message delivered.
5. Pulsed 24 Vdc applied to 2nd Stage input, pulse frequency 1 second on & 2 seconds off, HOLD message is broadcast.

EP2 is compatible with all Fire-Cryer® products.

Approvals



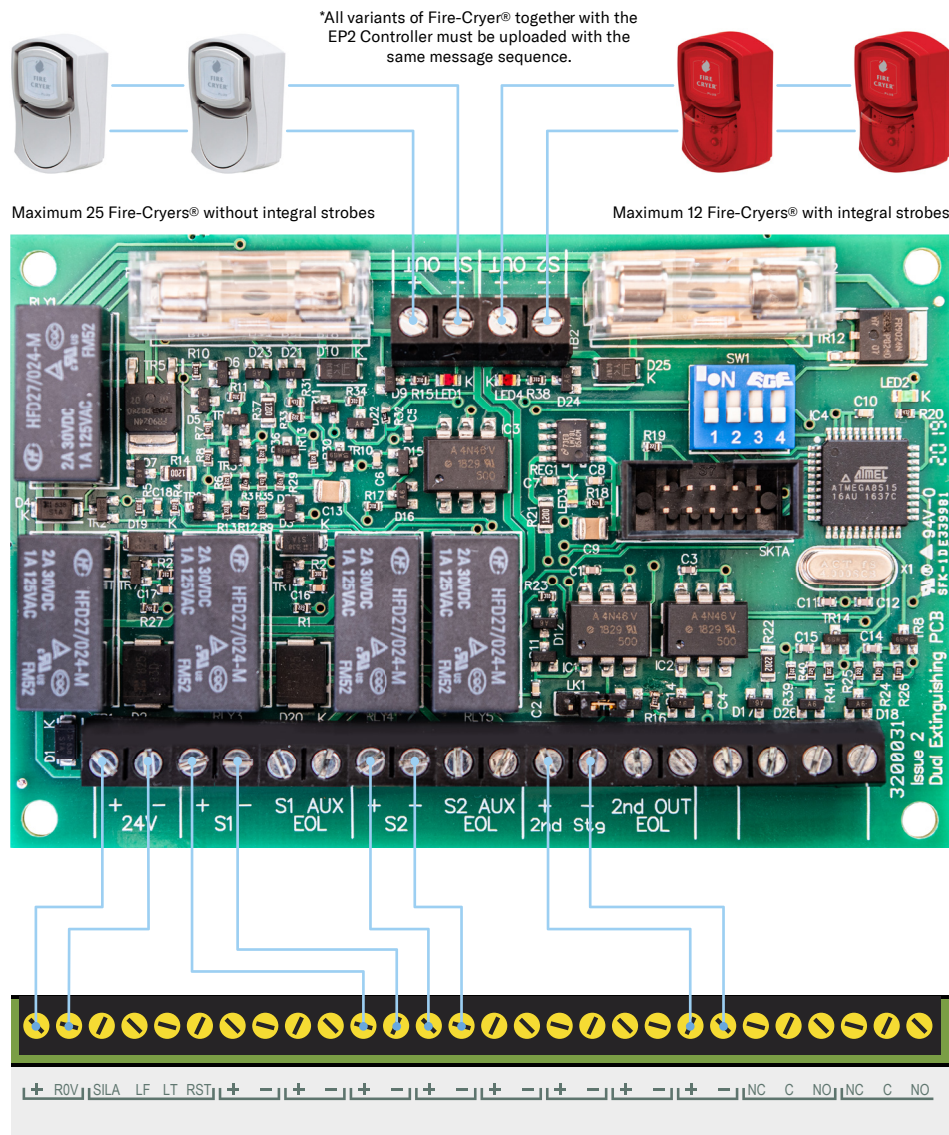
Message Set

Option D

(Gas Suppression)	Tone Number	Strobe Y/N	Voice Announcement
1st Stage Message	2P	Y	"First stage extinguishant release warning"
2nd Stage Message	1P	Y	"Second stage extinguishant release warning"
Gas Release on Hold	X	N	"Extinguishant gas release on hold"
Gas Released	2C	Y	"Extinguishant released"

Example Diagram

Installation example using Kentec XT Control Panel



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We reserve the right to change or amend any design or specification in line with our policy of continuing development and improvement.

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Quality System Certificate No. 456
Assessed to ISO 9001