LICHFIELD FIRE & SAFETY EQUIPMENT CO. LTD.

Fire Control Panel

Model: LF-CCP50/2

The Fire Control Panel LF-CCP50/2 is designed to operate with conventional automatic fire detectors and manual call points. The panel has outputs provided for external executive devices.

Fire Control Panel	Part Number
1-2 Fire Alarm Zone	LF-CCP50/2
Comply to EN54	

Technical Features

Fire Detection Zone	
Maximum Number of Fire Detectors in a Zone	32
Type of the Installation	two-wire
Maximum Resistance of a Line	100Ω
Thresholds Current Values	
Fault Condition	0-6 mA
Duty Mode	6-16 mA
Fire Condition	16-80 mA
Short Circuit	> 80 mA
Monitored Fire Alarm Lines (EN54-2, Type C)	
Number	2 pcs
Type	potential, relay with independent control
Electrical Characteristics	(19-27.5)V DC / 1A
Common Fault Warning Relay Outputs	
Number	1 pcs
Type	potential-free, switching
Electrical Characteristics	3A / 125V AC,3A / 30V DC
Indication of Registered Events	
Light Indication	LED
Sound	built-in buzzer
Power Supply	
Voltage	(187 - 252)V AC
Frequency	50/60 Hz
Backup Batteries	
Battery Type	lead, gel electrolyte
Number of Batteries	2 pcs
Nominal Voltage of the Backup Battery	12V
Nominal Capacity C20	(7.0) Ah
Charge Voltage	28V DC

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Operation in Duty Mode Upon Interruption in Main Power Supply					
Lines 24V / 1.2 Ah		Lines 24V / 4.5 Ah		Lines 24V / 7.0 Ah	
1-2 Zone	32 h	1-2 Zone	120 h	1-2 Zone	32 h
Consumption on Backup Batteries Supply					
Confiiguration of 1-2 Zone		< 35 mA at 24V DC			
Power Supply to External Devices					
Voltage		(19-27) V DC			
Maximum Current Value (including current of controller inputs)		1.2 A			
Fuses					
Main Supply 230V		4.0 A			
Backup Battery		6.0 A			
Dimensions		304mm x 222mm x 94mm			
Weight (backup batteries not included)		0.98kg			

Functional Data

- Identification of manual call poi
- Zone dedicated label and Zone dedicated LED indication for fire, fault, disable
- Detection for removed fire detector
- Automatic reset of the fault warning condition
- Logical “AND” scenario for fire detection lines
- EN54-2 Disabled condition and Test condition per fire detection line and fire alarm line
- Direct mode (skip delay) function for each fire detection line
- Test-LED functionality
- Built-in buzzer for fire and fault condition – one tonal, continuous, can be suppressed
- Test mode for fire alarm lines
- Input for remote Reset fires operation
- 8 types optional scenarios for common fire outputs and fire alarm outputs
- Optional delay time for fire outputs activation 1,2,3,4,5,6 or 7 minutes
- Evacuation condition - available on access level 2
- Optional zone dedicated relay module FD4201, each relay is common fire output corresponding to the relevant fire Detection zone

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