

MPOWER-PRO RC INDUSTRIAL COMPANY LIMITED

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Fire Alarm Control Panel

MPF-P4-4L

Description

- Zone : 4
- Installation : Wall-mount
- Input Power : AC 230V 50Hz
- Standby battery : 24V DC
- Working Voltage : DC 21 ~ 28V
- E.O.L Resistance : 10K Ω
- Cabinet Material : 1.2mm Steel
- Main Audio : Above 85 dB for 1M distance
- Charging : Below DC 26V 400mA , Trickle charging

Function

- Auto detect AC/DC power voltage.
- Three LEDs per zone to indicate Fire alarm , open / short circuit condition.
- With 1 set of null – voltage contact.
- Key control test button.
- DC 24V output reset function.
- Detector can be connected 20 ~ 30 per zone. (35mA per zone)
- Alarm Verification : Double check fire alarm signal to avoid false alarm. (Alarm verifying time : 9 seconds)
- Battery self-protect : battery voltage is running lower 18V DC , it will stop discharging.



ZONES	SIZE (H*W*D) mm
4	330 * 280 * 120



Fire Alarm Control Panel

MPF-P4-12L

Description

- Zone : 12
- Installation : Wall-mount
- Input Power : AC 230V 50Hz
- Standby battery : 24V DC
- Working Voltage : DC 21~28V
- E.O.L Resistance : 10K Ω
- Cabinet Material : 1.2mm Steel
- Main Audio : Above 85 dB for 1M distance
- Charging : Below DC 26V 400mA , Trickle charging

Function

- Auto detect AC/DC power voltage.
- Three LEDs per zone to indicate Fire alarm , open / short circuit condition.
- With 1 set of null – voltage contact.
- Key control test button.
- DC 24V output reset function.
- Detector can be connected 20~30 per zone. (35mA per zone)
- Alarm Verification : Double check fire alarm signal to avoid false alarm. (Alarm verifying time : 9 seconds)
- Battery self-protect : battery voltage is running lower 18V DC , it will stop discharging.



ZONES	SIZE (H*W*D) mm
12	330 * 280 * 120



Fire Alarm Control Panel

MPF-P4-16L

Description

- Zone : 16
- Installation : Wall-mount
- Input Power : AC 230V 50Hz
- Standby battery : 24V DC
- Working Voltage : DC 21~28V
- E.O.L Resistance : 10K Ω
- Cabinet Material : 1.2mm Steel
- Main Audio : Above 85 dB for 1M distance
- Charging : Below DC 26V 400mA , Trickle charging

Function

- Auto detect AC/DC power voltage.
- Three LEDs per zone to indicate Fire alarm , open / short circuit condition.
- With 1 set of null – voltage contact.
- Key control test button.
- DC 24V output reset function.
- Detector can be connected 20~30 per zone. (35mA per zone)
- Alarm Verification : Double check fire alarm signal to avoid false alarm. (Alarm verifying time : 9 seconds)
- Battery self-protect : battery voltage is running lower 18V DC , it will stop discharging.



ZONES	SIZE (H*W*D) mm
16	330 * 280 * 120



Fire Alarm Control Panel

MPF-P4-8L

Description

- Zone : 8
- Installation : Wall-mount
- Input Power : AC 230V 50Hz
- Standby battery : 24V DC
- Working Voltage : DC 21 ~ 28V
- E.O.L Resistance : 10K Ω
- Cabinet Material : 1.2mm Steel
- Main Audio : Above 85 dB for 1M distance
- Charging : Below DC 26V 400mA , Trickle charging

Function

- Auto detect AC/DC power voltage.
- Three LEDs per zone to indicate Fire alarm , open / short circuit condition.
- With 1 set of null – voltage contact.
- Key control test button.
- DC 24V output reset function.
- Detector can be connected 20 ~ 30 per zone. (35mA per zone)
- Alarm Verification : Double check fire alarm signal to avoid false alarm. (Alarm verifying time : 9 seconds)
- Battery self-protect : battery voltage is running lower 18V DC , it will stop discharging.



ZONES	SIZE (H*W*D) mm
8	330 * 280 * 120



FIRE ALARM CONTROL PANEL



Type	Conventional type	Spare Battery	24VDC
Model	MPF-P4-10L	End of Line Resistance	10KΩ
Zone	10L	Max.Amount of smoke detectors	20 pcs/Loop
Input Voltage	AC230/ 50Hz	Cabinet Material	1.2mm Steel
Operation Voltage	21~28VDC	Main Audio	Above 85 dB for 1M distance
Charging	Trickle charging , DC 26V 100mA ~ 400mA		

5~15zone	20~30zone	35~60zone
400(H) 320(W) 120(D) mm	600(H) 320(W) 174(D) mm	900(H) 320(W) 174(D) mm

FIRE ALARM CONTROL PANEL



Type	Conventional type	Spare Battery	24VDC
Model	MPF-P4-15L	End of Line Resistance	10KΩ
Zone	15	Max.Amount of smoke detectors	20 pcs/Loop
Input Voltage	AC230/ 50Hz	Cabinet Material	1.2mm Steel
Operation Voltage	21~28VDC	Main Audio	Above 85 dB for 1M distance
Charging	Trickle charging , DC 26V 100mA ~ 400mA		

5~15zone	20~30zone	35~60zone
400(H) 320(W) 120(D) mm	600(H) 320(W) 174(D) mm	900(H) 320(W) 174(D) mm

FIRE ALARM CONTROL PANEL



Type	Conventional type	Spare Battery	24VDC
Model	MPF-P4-20L	End of Line Resistance	10KΩ
Zone	20	Max.Amount of smoke detectors	20 pcs/Loop
Input Voltage	AC230/ 50Hz	Cabinet Material	1.2mm Steel
Operation Voltage	21~28VDC	Main Audio	Above 85 dB for 1M distance
Charging	Trickle charging , DC 26V 100mA ~ 400mA		

5~15zone	20~30zone	35~60zone
400(H) 320(W) 120(D) mm	600(H) 320(W) 174(D) mm	900(H) 320(W) 174(D) mm

FIRE ALARM CONTROL PANEL



Type	Conventional type	Spare Battery	24VDC
Model	MPF-P4-5L	End of Line Resistance	10KΩ
Zone	5L	Max.Amount of smoke detectors	20 pcs/Loop
Input Voltage	AC230/ 50Hz	Cabinet Material	1.2mm Steel
Operation Voltage	21~28VDC	Main Audio	Above 85 dB for 1M distance
Charging	Trickle charging , DC 26V 100mA ~ 400mA		

5~15zone	20~30zone	35~60zone
400(H) 320(W) 120(D) mm	600(H) 320(W) 174(D) mm	900(H) 320(W) 174(D) mm

RATE OF RISE HEAT DETECTOR

MPF-306A



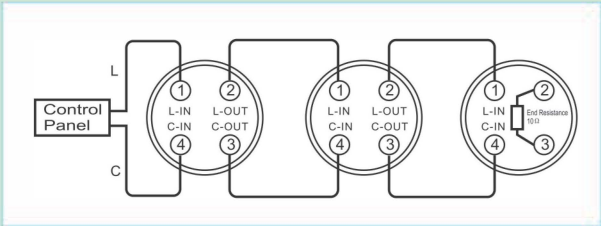
Features

- 1. With dual LED, easy to observe state of detector.
- 2. The dual LED flash once every 4 ~ 6 seconds in peacetime to show if the detector work normally.
- 3. With large metal surface to expose the air to sense the temperature.

Specifications

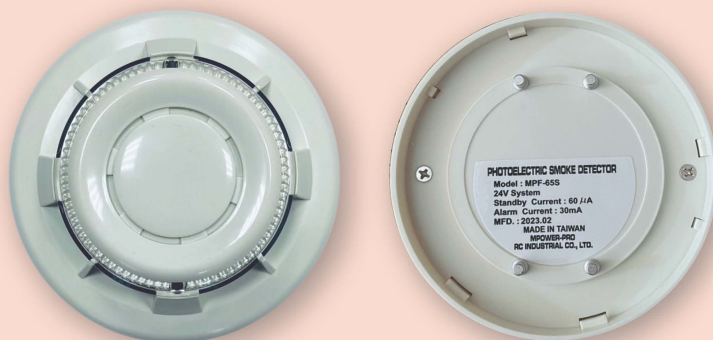
Model No	MPF-306A	Overall structure	
Rated voltage	24VDC System from Panel	Material	Fire-resisting ABS material
Standby current	0 μ A	Joint contact	Copper (zinc - plated)
Alarm current	60mA	Color	Ivory
Working temperature	-15~50 °C		
Working humidity	0~95% RH		
Size	103mm x 43mm		
Weight	150g		

General wiring drawing



Photoelectric Smoke Detector

MPF-65S



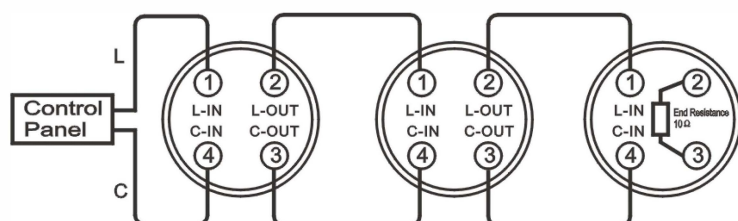
Features

1. LED on top, easy to observe state of detector.
2. LED flash once every 4 ~ 6 seconds in peacetime to show if the detector work normally.
3. Strengthen protection to prevent interference and false alarms.

SPECIFICATION

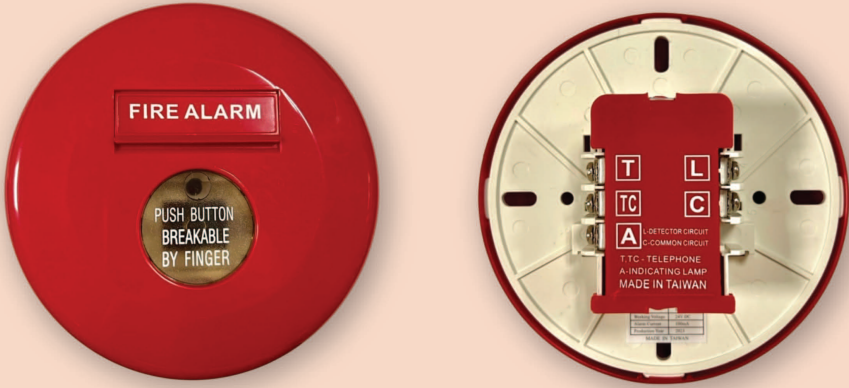
Model No	MPF-65S	Notes Prohibit from being installed at the places with large volume of smoke and steam lingering, and the inlet and outlet of cold and warm air.
Rated voltage	24V System	
Standby current	60 μ A	
Alarm current	30mA	
Working temperature	-15~50°C	
Working humidity	0~95% RH	
Size	103mm X 43mm	
Weight	150g	

General wiring drawing



Manual call Point

MPF-2W

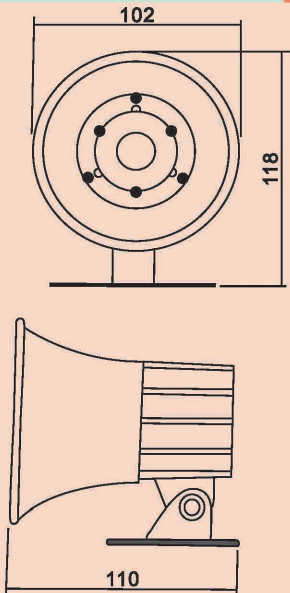


■ SPECIFICATION

Model No	MPF-2W
Adopted voltage	DC-18~28V(DG24V)
Adopted current	100mA
Size	138mm X 48mm
Weight	150g
Joint volume	DC-30V 1A

Siren

MPF-SR015-12V



Specifications

Model	MPF-SR015-12V	MPF-SR015-24V
Tone Nature	1 Tone	
Power Rating(W)	15W	
Voltage Rating	12V	24V
S.P.L DB/M	110±3	

Siren

MPF-SR015-24V



Specifications

Model	MPF-SR015-12V	MPF-SR015-24V
Tone Nature	1 Tone	
Power Rating(W)	15W	
Voltage Rating	12V	24V
S.P.L DB/M	110±3	

Entrance LED

MPF-200L



■ SPECIFICATION

Model No	MPF-200LA Entrance LED
Adopted voltage	DC-1.7~2.8V
Adopted current	20mA
Luminous component/Color	Luminous 2-node substance(LED) Red
Size	119mm X 72mm X 28mm
Weight	60g

Fire Alarm Indicating Lamp (LED)

MPF-300L



■ SPECIFICATION

Model No	MPF-300L Fire Alarm Indication Light
Adopted voltage	DC-18~30V (DC-24V)
Adopted current	100mA
Luminous component/Color	Traditional light bulb/red
Size	95mm X 52mm
Weight	80g
Other specifications	LED Light bulb (DC-18-30V 25mA)

Foam Head

SY-FHD0903

INTRODUCTION

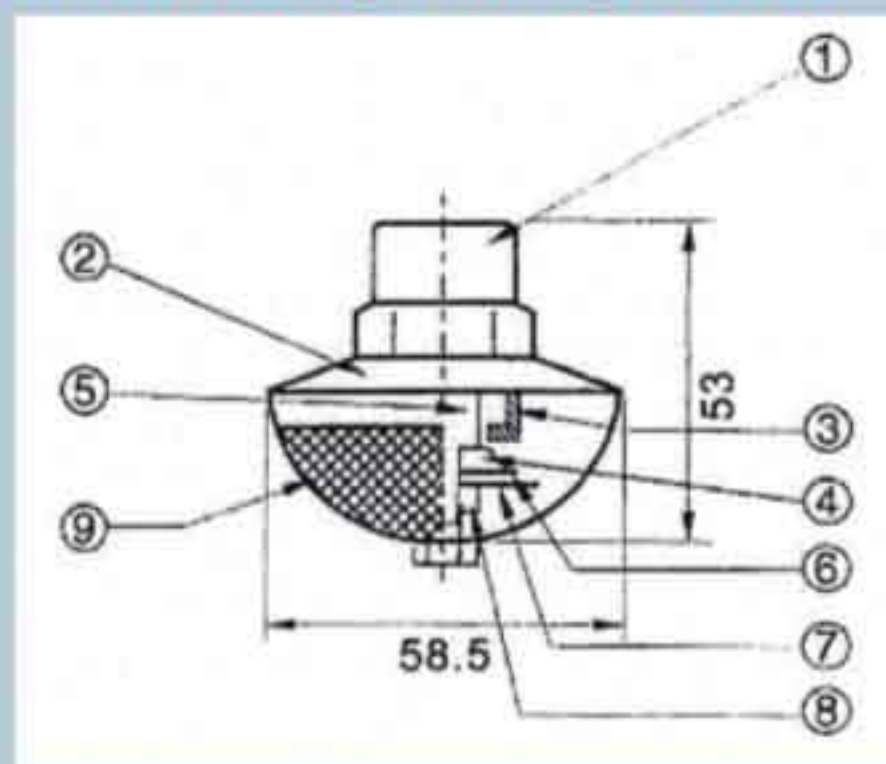
S.Y. foam head is manufactured and designed for the purpose of discharging Aqueous film foaming foam (AFFF) to extinguish fire at the basement of building, and its usually a holding area for car parking or for Alcohol Resistance film foaming foam (AR-AFFF) for Chemical plants. Its design is unique as its able to provides high and low pressure system when discharging the foam from the foam head. This is mainly because its components in the foam head has the circuit to provide a good mixed of water and foam before discharging. Its also effective and a reliable foam head and its easy to maintain.



SPECIFICATION

Model NO.	SY-FHD0903
Discharge pressure	Range 2.5-6kgf/cm ²
Installation height	2-5 m
Installation distance	Not more than 3 m
Foam usage	AR-AFFF 3 and 6%
Screw size	1/2" PT
Installation direction	Pendent (vertical downwards)

MATERIAL AND PARTS



NO.	Part	Material
1	Body	C3604BE
2	Air Cover	SUS304
3	Fixed Cap	C3604BE
4	Loop mixer	C3604BE
5	Fixed support	C3604BE
6	Small loop plate	C2600
7	Large loop plate	SUS304
8	Fixed screw cap	SUS304
9	Filter net	SUS304

Photoelectric type smoke detector with duo-LEDs

MPF-33/MPF-33T

Advantages

- ♦Dual LEDs for 360-degree visibility. Bi-color LEDs,stand-by status: Green;Alarm status: Red
- ♦With the photoelectric sensing principle, this kind of detector is activated more quickly, accurately and reliably, and there are no false alarm due to chemicals, exhaust gas, wind and exterior light
- ♦Detector has passed EMC test, which greatly eliminates false alarms caused by interference from nearby sources
- ♦Pretty and jointless outward



ISO9001
Approvals: C €

Specifications

Model	MPF-33	MPF-33T
Type	2-wire	4-wire
Contact Rating	N/A	1A@30V DC
Voltage Rating	12V~30V DC	
Alarm Current	24V DC 30mA	
Standby Current	24V DC / 25µA Below	
Polarization	Non-polarized	
Sensitivity Setting	Comply to EN54,CNS	
Ambient Temp	-10°C~+55°C	
Ambient Humidity	0~95%	
Material	Burning-Proof plastics	
Dimensions	102(Dia.) x 46(H) mm	
Color	White	
Weight	131g	

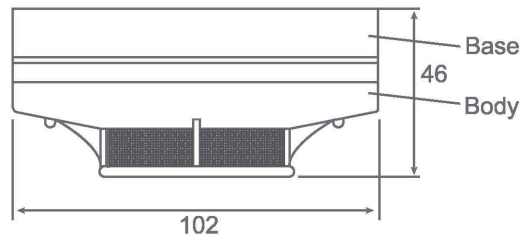
Photoelectric Type Smoke Detector with Duo-LEDs

MPF-33/MPF-33T



■ DIMENSIONS

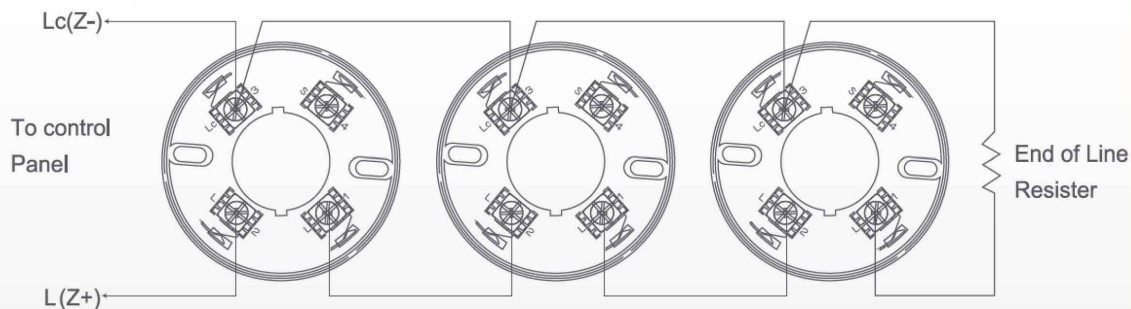
Unit:mm



■ EFFECTIVE ALERT AREA

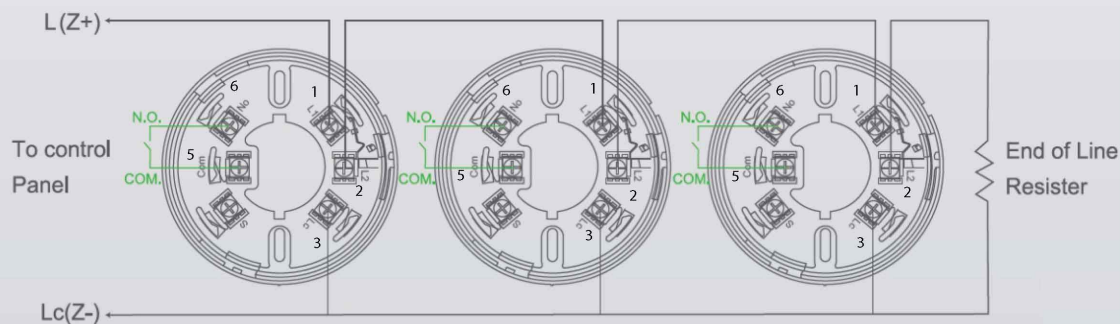
HEIGHT	UNDER 4 M	4M ~ 8M
AREA COVER	150 M ²	75 M ²

■ MPF-33 / 2Wirn



■ MPF-33T / 4Wirn

4 wire type Relay Output (See Green Line) Contact Rating:1A@30V DC



STROBE + HORN COMBO

MPF-902D

■ FEATURES

- + 8 pcs super bright LEDs
- + High dB sound to alarm
- + With base likes smoke detector's base
easy install easy change
- + Extremely eyes catching when bright



■ SPECIFICATION

Model No	MPF-902D
Voltage	24VDC
Current	250mA
Sound	100dB at 1m