

KP102, KP105, KP305 CONVENTIONAL FIRE ALARM PANELS



KP1xx Conventional fire alarm panels are designed according to the latest technology in microprocessor based devices. 20 detectors (excluding MCP) can be connected to each zone. There are alarm relay output, error relay output and two supervised siren outputs on the panel mainboard. KP1xx conventional fire alarm panels are produced with SMT Technology. These panels are compatible with EN 54-2/4 and can work compatible with all detectors and devices that comply with EN54 standards.

There are 2 and 5 zones models in the KP1xx panel series. In total, 40 or 100 detectors can be operated in one panel. KP1xx is very advantageous for small systems due to its compact structure and competitive price.

KP102 has 2 zones and can operate 20 detectors in each zone, 40 detectors in total (excluding fire buttons).

KP105 has 5 zones and can operate 20 detectors in each zone, 100 detectors in total (excluding fire buttons).

KP305 panel series has an LCD screen. In this way, zone names and required settings can be made easily.

Features

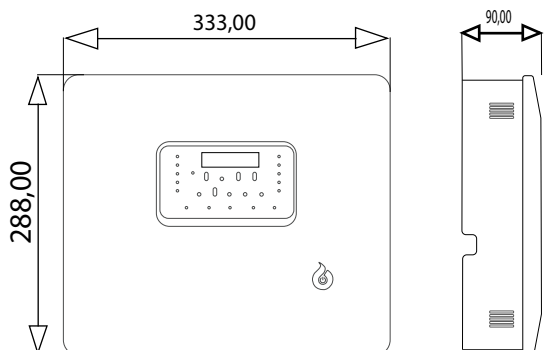
- Userfriendly Programming
- Robust and aesthetic PC/ABS case
- 2 and 5 Zones
- 2 Supervised Siren Outputs
- Access Levels
- Alarm & error relay outputs
- 2x16 LCD Display (KP305)
- EN54-2 & EN54-4 compatible



CONVENTIONAL FIRE ALARM SYSTEM

TECHNICAL SPECIFICATIONS

	KP102	KP105/KP305
OPERATING VOLTAGE	180-240 V ac	180-240 V ac
POWER CONSUMPTION	100 W max.	100 W max.
BATTERY TYPE	Lead-Acid Sealed Battery	Lead-Acid Sealed Battery
BATTERY CAPACITY	2 x 12V/7Ah	2 x 12V/7Ah
BATTERY SHORT-CIRCUIT PROTECTION	Yes	Yes
ZONE CAPACITY	2	5
ACTIVE DETECTOR		
CAPACITY PER ZONE	20 Pieces/Zone	20 Pieces/Zone
MAXIMUM LOAD PER ZONE	120R	120R
PASSIVE DETECTOR		
CAPACITY PER ZONE	Unlimited	Unlimited
END OF LINE RESISTANCE	6.8 KOhm(6.8K-20K)	6.8 KOhm(6.8K-20K)
SIREN SUPERVISED OUTPUT		
OUTPUT TYPE	Relay N.Open Contact	Relay N.Open Contact
CONTACT STRENGTH	2 A @ 30 V dc	2 A @ 30 V dc
FUSE	400 mA Automatic Reset	400 mA Automatic Reset
MAXIMUM VOLTAGE	30V	30V
ALARM RELAY OUTPUT		
OUTPUT TYPE	N.Open (NO), N.Closed (NC)	N.Open (NO), N.Closed (NC)
CONTACT STRENGTH	2 A @ 30 V dc	2 A @ 30 V dc
ERROR RELAY OUTPUT		
OUTPUT TYPE	N.Open (NO), N.Closed (NC)	N.Open (NO), N.Closed (NC)
CONTACT STRENGTH	2 A @ 30 V dc	2 A @ 30 V dc
24V DC PROTECTED VOLTAGE OUTPUT		
OUTPUT CURRENT	400 mA, Resettable Fused	400 mA, Resettable Fused
24V DC NOT PROTECTED VOLTAGE OUTPUT		
OUTPUT CURRENT	2A (Unfused)	2A (Unfused)



ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE	-10 °C ≈ +55°C
HUMIDITY	%0 ≈ %95 Relative Humidity
ENVIRONMENTAL CATEGORY	IP30

PHYSICAL SPECIFICATIONS

CASE MATERIAL	PC/ABS Case
DIMENSIONS (H x W x D)	288 x 333 x 90 mm
WEIGHT	1,2 Kg (without battery)