



KP304 4 ZONES CONVENTIONAL FIRE ALARM CONTROL PANELS



KP304 Conventional fire alarm panel series are designed according to the latest technology in microprocessor based devices. 20 detectors (excluding button) can be connected to each zone. There are alarm relay output, error relay output and siren output on the panel mainboard. KP304 also has a 24V output. If an external device is desired to be controlled from the relay outputs, 24V output can be used as a supply. KP3xx conventional fire alarm panel is produced with SMD Technology. These panels are EN 54-2/4 certified and can work compatible with all detectors and devices that comply with EN54 standards.

KP304 has 4 zones. 20 detectors (excluding buttons) can be connected to each zone. In total, 80 detectors can be operated in one panel.

Features

- Robust and aesthetic metal case
- Plastic front body
- 4 Zone Options
- Zone names can be written
- Real time clock
- Event Memory
- Turkish & English language support
- Alarm & error relay outputs
- 24V Auxiliary supply output
- EN54-2 & EN54-4 certified

Certificates:





TECHNICAL SPECIFICATIONS

KP304

OPERATING VOLTAGE	180-240 V ac
POWER CONSUMPTION	100 W max.
BATTERY TYPE	Lead-Acid Sealed Battery
BATTERY CAPACITY	2 x 12V/7Ah
BATTERY SHORT-CIRCUIT PROTECTION	Yes

ZONE CAPACITY	4
---------------	---

ACTIVE DETECTOR

CAPACITY PER ZONE	20 Pieces/Zone
MAXIMUM LOAD PER ZONE	120R

PASSIVE DETECTOR

CAPACITY PER ZONE	Unlimited
END OF LINE RESISTANCE	6.8 KOhm(6.8K-20K)

SIREN SUPERVISED OUTPUT

OUTPUT TYPE	Relay N.Open Contact
CONTACT STRENGTH	2 A @ 30 V dc
FUSE	400 mA Automatic Reset
MAXIMUM VOLTAGE	30V

ALARM RELAY OUTPUT

OUTPUT TYPE	N.Open (NO), N.Closed (NC)
CONTACT STRENGTH	2 A @ 30 V dc

ERROR RELAY OUTPUT

OUTPUT TYPE	N.Open (NO), N.Closed (NC)
CONTACT STRENGTH	2 A @ 30 V dc

24V DC PROTECTED VOLTAGE OUTPUT

OUTPUT CURRENT	Yes
----------------	-----

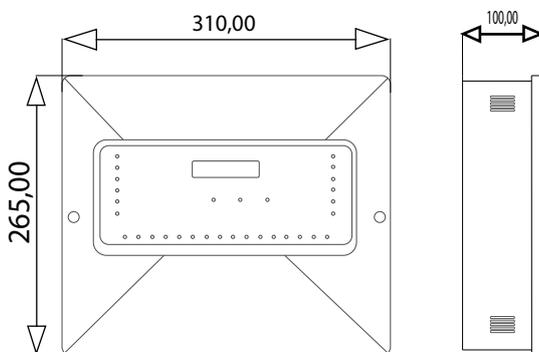
OUTPUT CURRENT	400 mA, Resettable Fused
----------------	--------------------------

24V DC NOT PROTECTED VOLTAGE OUTPUT	Yes
-------------------------------------	-----

OUTPUT CURRENT	2A (Unfused)
----------------	--------------

GK120 POWER SUPPLY (Parameters)

Battery Resistance	400 mΩ
EN54-4 Test Parameters Imin, Imaxa, Imaxb	27mA, 1.5A, 1.8A



ENVIRONMENTAL SPECIFICATIONS

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

PHYSICAL SPECIFICATIONS

CASE MATERIAL	Metal & PC/ABS
DIMENSIONS (H x W x D)	265 x 310 x 100 mm
WEIGHT	1,6 Kg (without battery)

