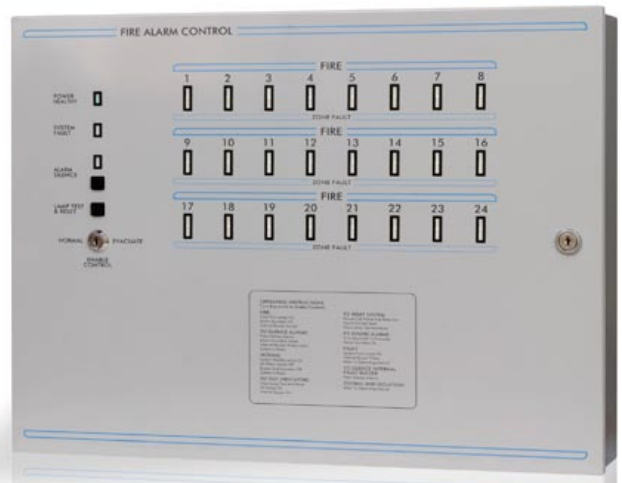# Series 3000

Conventional Fire Alarm Control Panels

Product Overview

■ The K3000 Series exceeds the requirements of BS5839: Part 4: 1988 in several areas. Inclusion of zone isolate, zonal one man test, zonal contacts, shop unit interface and zoned or two stage alarm outputs are all standard features.

■ A wide range of detectors are supported by the equipment, ensuring that the K3000 Series control panels can be used with existing installations without the need to change the field devices. Front panel controls and indicators are kept to a minimum to simplify user operation and to maintain clarity of indication. High intensity, twin bar LED indicators are used on all front panels. All panels are supplied with suitable power supply and generous battery space to give extended battery standby if required.
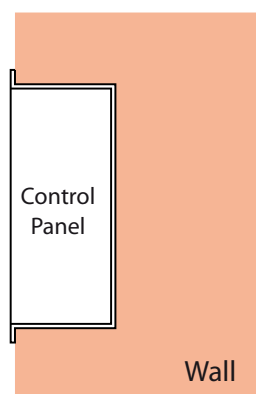
■ Ample cable entries and removable chassis assist in ease of installation. All panels are available as true flush or surface mounting and in two tone grey or cream and brown.

■ Other colours are available to special order. Arrangements can be made for special badging or special finishes such as brass or stainless steel.

■ K3000 Series control panels allow continued operation of call points and detectors upon removal of a device from the detection line. This can be achieved either by fitting an active end of line device or by using special line clamping bases.

Features

■ Complies with BS5839: Part 4: 1988

■ Can be used on pre BS5839 type systems

■ 12 - 48 zones as standard more available on request

■ Class change input

■ Common fire and fault contacts

■ Line continuity upon detector removal

■ Remote signal contact and isolate

■ Shop interface input

■ Zonal one man test

■ Zonal selection for operation with intrinsically safe barriers

■ Zonal volt free contacts

■ Zone isolate facility

■ Compatible with most popular detectors

■ Option for plug-in two stage sounder cards

Model No. K3024005

Specifications

Control
Panel

Wall

Flush mount cross section

Flush Mounted Version (K3012004)

Panels

Product Code	Zones	Standby Current	Alarm Current	Sounder Load per Circuit	Sounder Load total	Minimum Battery (24h standby)	PSU	Weight (approx)	Size (mm)
E3012003	12	0.2A	0.34A	1.0A	1.5A	7.0Ah	2.5A	8.6kg	500 x 355 x 108
K3016005	16	0.22A	0.38A	1.0A	1.5A	7.0Ah	4.0A	11.0kg	570 x 420 x 110
E3016005	16	0.22A	0.38A	1.0A	1.0A	7.0Ah	2.5A	11.0kg	570 x 420 x 110
K3024005	24	0.31A	0.45A	1.0A	1.5A	12.0Ah	4.0A	11.5kg	570 x 420 x 110
E3024005	24	0.31A	0.45A	1.0A	1.0A	12.0Ah	2.5A	11.5kg	570 x 420 x 110
K3032007	32	0.38A	0.52A	1.0A	1.5A	12.0Ah	4.0A	20.0kg	600 x 700 x 140
E3032007	32	0.38A	0.52A	1.0A	1.0A	12.0Ah	2.5A	20.0kg	600 x 700 x 140
K3040007	40	0.45A	0.59A	1.0A	1.5A	15.0Ah	4.0A	20.5kg	600 x 700 x 140
K3048009	48	0.52A	0.66A	1.0A	1.5A	17.0Ah	4.0A	24.0kg	700 x 1000 x 145

Flush mounting versions are available to order. All weights quoted are less standby batteries

Technical

Construction	-	1.2mm fully welded sheet steel
Finish	-	Epoxy powder coated
Standard colour	-	BS 00 A 05 grey - fine texture
Sounder outputs	-	2 outputs each fused at 1 amp each (0.5A E3002001)
Isolatable fire contact	-	Volt free changeover 1A at 30V DC
Auxiliary alarm contact	-	Volt free changeover 1A at 30V DC
Fault contact	-	Volt free changeover 1A at 30V DC
Zonal contacts	-	Volt free normally open 1A at 30V DC
Auxiliary DC output	-	Fused at 500mA
Detection zone monitoring resistor	-	6k8
Sounder circuit monitoring resistor	-	10k
Remote control inputs	-	Alarm input, Silence input, Reset input (option for pulsed alarm input [Security Alert])
Mains supply	-	230V AC (+10%/-15%) (other voltages upon request)
Call points	-	Require 470 OHM series resistor
Alarm threshold	-	100 to 900 Ohms
Short circuit threshold	-	0 to 100 Ohms
Maximum zone quiescent current	-	1.6mA
Active end of line	-	K1406K (optional)
Operating temperature	-	-5°C to +40°C
Operating humidity	-	To 95% (non condensing)