NITTAN

CONTROL UNIT FOR 0KB3 SMOKE DETECTOR (Input: DC24V/AC24V)



Description

CPC-4-24 Control Unit is a dedicated, compact control unit, manufactured from aluminium and steel, for indoor installations.

Up to 20 0KB3 Smoke Detectors can be supported on one CPC-4-24 Controller.

LEDs are provided to indicate Power Indication (Green), Fault (Yellow), Fire Alarm (Red) and Detector Operated (Red).

Three Output Relay contacts are provided for remote monitoring of Fault, Detector operated and Fire Alarm conditions.

An internal Buzzer is provided for local indication of Detector Operated (Intermittent) and Fire Alarm (Continuous).

A Reset Button is provided to reset Fire Alarm or Detector Operated condition.

Approvals

Test Standards

Wiring

UL STD 61010-1: 2012 KC mark/EMC certified*1

*1: CPC-4-24 only

Features

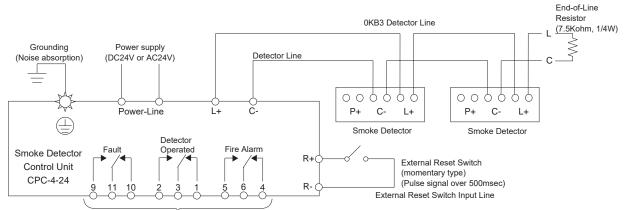
- Compact design allows installation in limited spaces in a variety
 of applications
- Generate a voted "AND" Fire Alarm (two detectors simultaneous activation) or a "SINGLE" Fire Alarm (one detector activation)
- Operating voltage DC24V or AC24V

Specifications

Operating voltage DC23 to 26.8 VdcOperating voltage AC20 to 27 Vac, 50/60 HzQuiescent power0.9VA (dc) / 1.6VA (ac)Alarm power2.2VA (dc) / 3.4VA (ac)Inputs1 Detector circuitOutput relay contact rating3 x 0.3 Amps @ 125 Vac Or 1 Amps @ 30 VdcOperating temperature0°C to +60°CStorage temperature-20°C to +70°CRelative humidity< RH 85% (Non-condensing)MaterialAluminiumDimensions110W x 195D x 40H (mm)	CPC-4-24	
Quiescent power0.9VA (dc) / 1.6VA (ac)Alarm power2.2VA (dc) / 3.4VA (ac)Inputs1 Detector circuitOutput relay contact rating3 x 0.3 Amps @ 125 Vac Or 1 Amps @ 30 VdcOperating temperature0°C to +60°CStorage temperature-20°C to +70°CRelative humidity< RH 85% (Non-condensing)	Operating voltage DC	23 to 26.8 Vdc
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IIOutput relay contact rating3 x 0.3 Amps @ 125 Vac Or 1 Amps @ 30 VdcOperating temperature0°C to +60°CStorage temperature-20°C to +70°CRelative humidity< RH 85% (Non-condensing)	Alarm power	2.2VA (dc) / 3.4VA (ac)
Or 1 Amps @ 30 VdcOperating temperature0°C to +60°CStorage temperature-20°C to +70°CRelative humidity< RH 85% (Non-condensing)	Inputs	1 Detector circuit
Storage temperature-20°C to +70°CRelative humidity< RH 85% (Non-condensing)	Output relay contact rating	
Relative humidity< RH 85% (Non-condensing)MaterialAluminium	Operating temperature	0° C to $+60^{\circ}$ C
Material Aluminium	Storage temperature	-20°C to +70°C
	Relative humidity	< RH 85% (Non-condensing)
Dimensions 110W x 195D x 40H (mm)	Material	Aluminium
	Dimensions	110W x 195D x 40H (mm)
Weight 570 g	Weight	570 g

All wiring must conform to the current edition of the Local National Wiring regulations.

All loop Cable Screens shall be connected together, but must be isolated from Ground. Cable Screens shall be connected to Earth Ground within the Controller ONLY.



Non-Voltage C Contact: The labels indicate a condition when power is supplied

All specifications are subject to change without any notice For more information, contact with NITTAN.



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