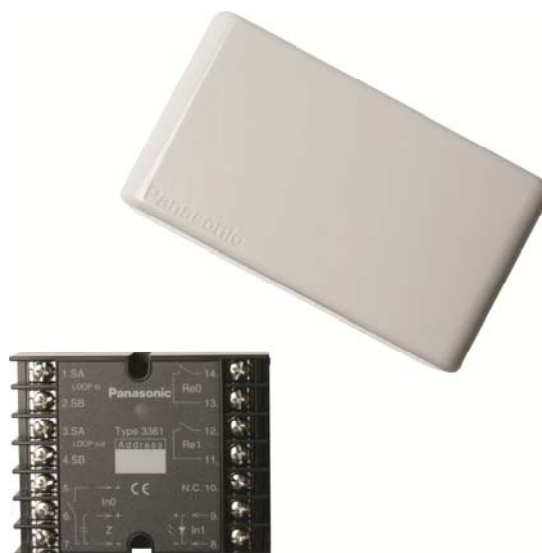


Fire Detectors

Addressable Multipurpose I/O Unit

Model 3361

- Two programmable outputs
- Two programmable inputs



General

The unit has 14 screw terminals for cable connections. It has an LED indicator, see below. It is intended to be surface mounted and a plastic protection cover (with 10 cable inlets) is attached. When required, the unit can be mounted in a waterproof box (3362).

Two outputs

The unit has two **programmable** outputs:

Relay output (Re0): NC or NO contacts (set via EBLWin).

Relay output (Re1): NC or NO contacts (set via EBLWin).

Two inputs

The unit has two **programmable** inputs:

Monitored input (two alternatives)

.....used as **zone line input (Z)**: End-of-line capacitor 470 nF to be mounted in the last unit on the line. Short circuit could activate fault or fire alarm (set via EBLWin). This input is intended for conventional detectors.

.....used as **general input (In0)**: An input for a NC or NO contact (set via EBLWin).

Isolated input (In1): An optocoupler input (external 24 V DC / 8 mA is required). Normally low or high (set via EBLWin).

Connections / Settings

The COM loop is connected directly to the unit via four screw terminals. The COM loop address is set with an Address setting tool 4414. The unit has an address label where the address is to be written. 4414 is also used to set the mode:

NORMAL mode: I/O unit 3361.

LED indicator

3361 has an LED, indicating communication to the unit, 2 flashes (5s interval) each 80th second or indicating fire alarm condition on the monitored zone line input (Z), 2 flashes each 2½ seconds.

Waterproof box 3362

When required, the 3361 unit can be mounted in a waterproof box 3362 (IP 66/67).

Product applications

Used in the **firetracker FT1020G3 firetracker** 128V2 system SW version ≥ 1.0.3. The unit is intended for indoor use and in dry premises (if not the waterproof box is used). It can be DIN rail mounted with help of a DIN rail interface kit 3363.



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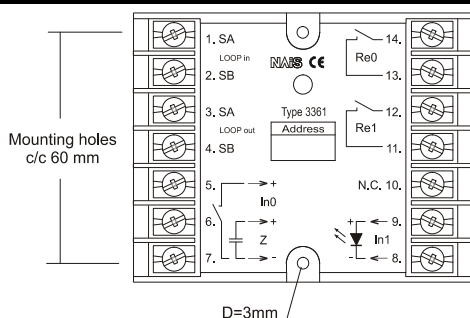
Fire System Technology

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Type numbers	
3361	Addressable multipurpose I/O unit (incl. plastic protection cover).
3362	Waterproof box (IP 66/67) (incl. four compression glands).
3363	DIN rail interface kit, for symmetric 35 mm DIN rail (plate, clamp & screws)



Technical data		
Voltage (V DC)	allowed	12-30
	normal	17.5-30 when the monitored input is used as a zone line input (Z) 24
Current consumption at nom. volt. from COM loop (mA)		
quiescent		2.2mA
active		Max. 12mA
Ambient temperature (°C)		
operating		-10 to +50
storage		-20 to +60
Ambient humidity (% RH)		Max. 95, non condensing (if the waterproof box is not used)
Ingress Protection rating		IP 54 (the unit itself with the plastic protection cover) IP 66/67 (with the waterproof box)
Inputs		
Monitored (as zone line or general input)		15-30 V DC, max. 1.5 mA (short circuit current limitation 10 mA), max. 50 Ω cable resistance 12-30 V DC (inactive for voltage < 1 V), max. 10 mA
Isolated		
Outputs (two)		
Relay contacts		Max. 2 A @ 30 V DC / 125 V AC
Size L x W x H (mm)		90 x 70 x 32 (the unit itself) 129 x 73 x 45 (the plastic protection cover) 175 x 125 x 75 (the waterproof box)
Weight (g)		110 (the unit itself) 40 (the plastic protection cover) 376 (the waterproof box, excl. compression glands)
Construction / Colour		ABS / Black (the unit itself) ABS / Grey (N8, Munsell colour code) (the plastic protection cover) Polycarbonate / Grey (the waterproof box)
Approvals		CE, AS7240.2



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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice. DS3361 10/01/12 v2

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