

Addressable COM Loop Units

Addressable 2 voltage outputs unit 3364



Features

- Two programmable supervised voltage outputs
- A special fire door closing voltage output

General

The **Addressable 2 voltage outputs unit 3364** (AOU) is intended to be surface mounted. A plastic protection cover (with 10 cable inlets) is supplied. 3364 can be mounted in a waterproof box (3362). The unit is connected to a COM loop and require external 24VDC power supply (3366).

Inputs/outputs/connectors

All connections are done on screw terminals.

- COM loop (in)
- COM loop (out)
- 24VDC power supply input
- /Mains OK input (3366 output)
- Two programmable and supervised 24VDC outputs **VO0** and **VO1**, intended for alarm devices. End-of-line capacitor to be mounted in the last device alt. capacitors in up to five devices. For each capacitor is also a series diode required, see the opposite side of this page.
- One special 24VDC output **VO2**, intended for fire door closing. O2 is not only controlled by a control expression, it will also be powerless approx. 30 sec. after:
 - the **/Mains OK** input goes high (=3366 output//Mains OK goes high=no /Mains)
 - the COM loop communication is interrupted (=no communication with the c.i.e.)

Settings

The COM loop address is set with an address setting tool 3314. The unit has an address label where the address is to be written. 3314 is also used to set the mode:

- **NORMAL mode:** This mode can be used in system **EBL512** with S/W version ≥ 2.3 and in system **EBL128**.
- **2330 mode:** This mode is used in system **EBL512** with S/W version $\leq 2.2.x$ and in system **EBL1000**. The unit shall be programmed in Win512 and PLAN1000 respectively as "SU4 addressable 4 voltage outputs unit 2262/2263". The unit will in Win512 via "Check all loop units" be identified as an "SU4 addressable 4 voltage outputs unit 2262/2263". (Two 3364 units connected to one power supply 3366 are intended to succeed the current 2262 unit with four voltage outputs.)
- **2312 mode:** Not used for 3364.

Waterproof box 3362

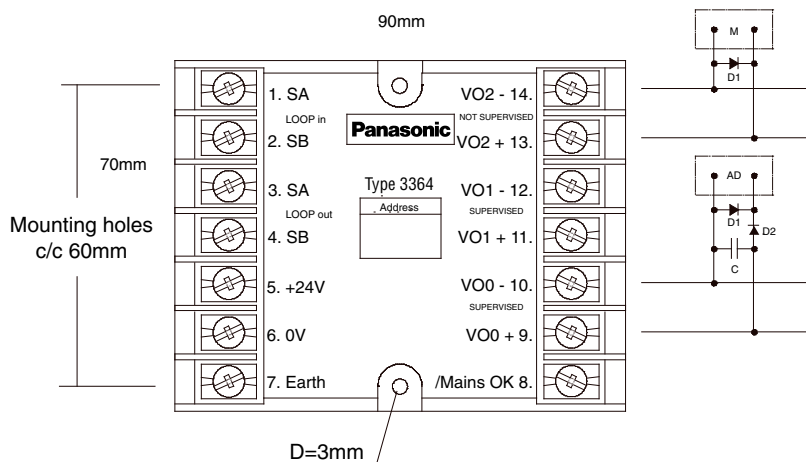
When required, the 3364 unit can be mounted in a waterproof box 3362 (IP66/67).

Product applications

The 3364 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.

Type numbers

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3364	Addressable 2 voltage outputs unit (including plastic protection cover and two 470nF capacitors).
3362	Waterproof box (IP66/67) (including four compression glands).
3363	DIN rail interface kit, for symmetric 35mm DIN rail (plate, clamp and screws)
XXXX	10 pieces of 470nF capacitors for the supervised outputs.
3366	External power supply. (230V AC/24VDC, 2.2 alt. 0.85A)



VO0 and VO1: **AD**=Alarm Device (bell, siren, etc.). **D1**=Protective diode (e.g. 1N4004), when required. **D2**=Series diode (e.g. 1N4004). **C** (470nF), to be connected in the last device or in up to five devices. **VO2: M**=Fire door release magnet(s).

Technical data	
Voltage (VDC) allowed normal	(COM loop) 12-30 24
Current consumption (mA) quiescent active	(COM loop) ≤ 6 ≤ 6
Inputs 24VDC power supply /Mains OK	Allowed voltage 15-30V DC Normally low (Output in unit 3366, specially designed for 3364.)
Outputs (A) VO0 (supervised) VO1 (supervised) VO2 (not supervised)	24V DC. VO0 and VO1: Supervision voltage ≤ 0.6V DC. Max. 1 (One to five 470nF capacitors have to be used.) Max. 1 (One to five 470nF capacitors have to be used.) Max. 1
Ambient temperature (°C) operating storage	-20 to +55 -20 to +60
Ambient humidity (% RH)	Max. 90, noncondensing (if the waterproof box is not used)
Ingress protection rating	IP54 (the unit with the plastic protection cover) IP66/67 (the unit mounted in the waterproof box)
Size L x W x H (mm)	90x70x32 (the unit itself) 129x73x45 (the plastic protection cover) 175x125x75 (the waterproof box)
Weight (g)	110 (the unit itself) 40 (the plastic protection cover) 376 (the waterproof box, excluding compression glands)
Construction/Color	ABS/Black (the unit itself) ABS/Gray (N8, munsell color code) (the plastic protection cover) Polycarbonate/gray (the waterproof box)
Approvals	CE; prEN54-18

Note: All current consumptions are valid by 24V DC (nominal voltage) at 25°C.