

Alarm Setter

PWBAS

Alarm Setter는 직류전압 · 전류를 입력으로 하여 상한 및 경보설정치에 도달하면 On-Off 신호를 출력 합니다.

특징

- 보조전원 AC85~264V, DC24V, DC110V를 선정 가능하고, 입 · 출력 회로와 절연하고 있습니다.

용도

- 수위계의 상 · 하한 경보설정용
- 압력계와 조합하여 압력감시 · 위험상태 검출용
- 배연 · 가스분석계와 조합하여 농도감시 · 이상상태 검출용
- 온도조절계와 조합하여 온도감시 · 이상상태 검출용

사양

Model		PWBAS
Isolation		Photocoupler
Accuracy		±0.5% of full scale
Temperature effect		±0.05%/°C
Response time		approx. 0.5sec.
Min. resolution of setting value		1% (Digital rotary switch)
Setting range		0~99% (lower setting<upper setting)
Isolation resistance		100MΩ min. (500Vdc)/between each terminals
Di-electric strength		2000Vac 1min. (input~output 1,2~power source) 1000Vac 1min. (output1~output2)
Power supply	AC	85~264Vac 50/60Hz
	DC	24Vdc±10%, 110Vdc±10%
Power consumption (PWBPD connection)		100Vac: approx. 3.5VA (4.5VA) 200Vac: approx. 5.5VA (6VA) 24Vdc: approx. 110mA (140mA) 110Vdc: approx. 40mA (50mA)
Ambient temperature and humidity		-5~+55°C 90%RH or less (no condensation)
Input signal (Input impedance)	DC voltage	0~5V 0~10V 1~5V *1 (1MΩmin.) (1MΩmin.) (1MΩmin.)
	DC current	4~20mA 0~20mA *2 (250Ω) (250Ω)
Output 1 (Out 1) (Load resistance)	Relay contact	Allowable load of contact 100Vac 1A 30Vdc 1A
Start delay		Delay time 0 sec. (Standard) *3
Operation delay		Delay time 0.5 sec. ON Delay (Standard) *4
Hysteresis width		0% (Standard) *5
Mass [weight]		approx. 170g

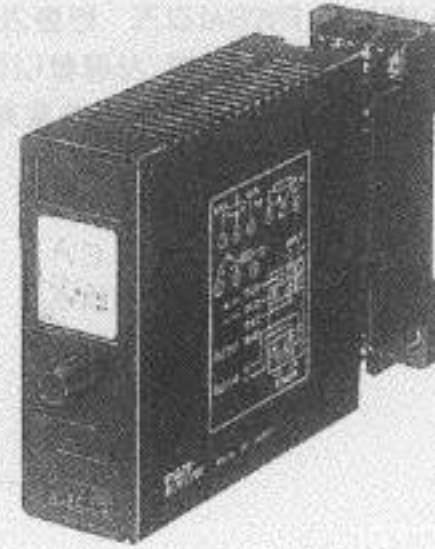
*1: PC loader로 변경 가능 (DC0~5V↔DC0~10V↔DC1~5V) 전류 type으로 변경할 수 없음.

*2: PC loader로 변경 가능 (DC0~20mA↔DC4~20mA) 전압 type으로 변경할 수 없음.

*3: PC loader로 변경 가능 (0sec.~10sec.)

*4: PC loader로 변경 가능 (0.5sec.~10sec.)

*5: PC loader로 변경 가능 (0%~5%)



형식

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Version No.

Power supply

Code	Power Supply
0	85~264Vac, 50/60Hz
3	24Vdc±10%
4	110Vdc±10%

Input signal

Code	Range
13	0~5Vdc
14	0~10Vdc
15	1~5Vdc
16	4~20mAdc
22	0~20mAdc

Output 1 (Out 1)

Code	Range
HL	H, L Output
LL	L, LL Output
HH	H, HH Output

출력동작 상태

(1) H, L Output

		Output terminal				
		Power supply ON			Power supply OFF	
Terminal	H: 7-8	OFF	OFF	ON	H: 7-8	OFF
	L: 3-6	ON	OFF	OFF	L: 3-6	OFF
Input signals		MIN	Δ L setting	Δ L setting	MAX	
Lamps	H: (Red)	○	○	●	H: (Red)	○
	L: (Green)	●	○	○	L: (Green)	○

● ON
○ OFF

(2) L, LL Output

		Output terminal				
		Power supply ON			Power supply OFF	
Terminal	L: 7-8	ON	ON	OFF	L: 7-8	OFF
	LL: 3-6	ON	OFF	OFF	LL: 3-6	OFF
Input signals		MIN	Δ LL setting	Δ L setting	MAX	
Lamps	L: (Red)	●	●	○	L: (Red)	○
	LL: (Green)	●	○	○	LL: (Green)	○

● ON
○ OFF

(3) H, HH Output

		Output terminal				
		Power supply ON			Power supply OFF	
Terminal	HH: 7-8	OFF	OFF	ON	HH: 7-8	OFF
	H: 3-6	OFF	ON	ON	H: 3-6	OFF
Input signals		MIN	Δ H setting	Δ HH setting	MAX	
Lamps	HH: (Red)	○	○	●	HH: (Red)	○
	H: (Green)	○	●	●	H: (Green)	○

● ON
○ OFF