

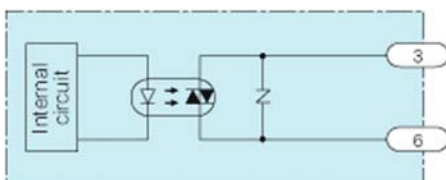
PS series

- Time delay function is available(PS3F)
- Relay output and open collector output is available(PS3F)
- Compact housing

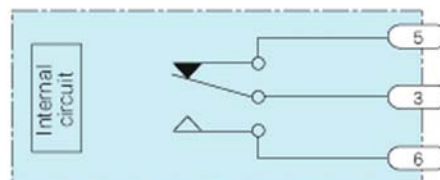


OUTPUT CIRCUIT

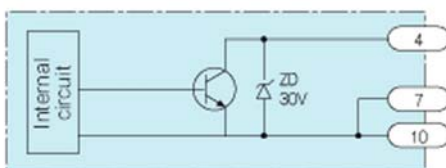
Triac output (PS3N-SR,PS3F-SR)



Relay output(PS3N, PS3F)



Open collector output (PS3F,PS3F-SR)



SPECIFICATIONS

Models	PS3N	PS3N-SR	PS3F	PS3F-SR
Power supply	AC/DC100 to 200V ±10% 50/60Hz			
Power consumption	10W Max.			
Input	NPN open collector input Input mode: L operation		NPN open collector input Input mode: H/L switching operation Min. response input time: 20µs	
Operation mode	AND operation		AND operation, CLOCK AND operation (ON-delay, OFF-delay, One-shot, No-timer) Timer: 0.1 to 1s, 1 to 10s	
Output mode	Relay contact output 1CRating: 2A (AC250V) Resistance load	Triac output 1aPhoto coupler typeZero-class typeLoad voltage:AC75V Min., 250V Max.Load current:10mA Min., 2A Max.Stay ON voltage: 1.5V Max	<ul style="list-style-type: none"> Relay contact output 1CRating: 2A (AC250V)Resistance load NPN open collector outputRating: 100mA (DC30V)Max.Stay ON voltage: 1V Max. 	<ul style="list-style-type: none"> Triac output 1aPhoto coupler type Zero-class type Load voltage:AC75V Min., 250V Max.Load current:10mA Min., 2A Max.Stay ON voltage: 1.5V Max. NPN open collector output Rating: 100mA (DC30V)Max.Stay ON voltage: 1V Max.
Sensor supply source	DC 12V ±10% 200mA Max. (Circuit protection built-in)			
Response time	5ms Max.	12ms Max.	<ul style="list-style-type: none"> At relay output, 5ms Max. NPN open collector output at ON: 20µs Max.at OFF: 50µs 	<ul style="list-style-type: none"> At triac output, 12ms Max. NPN open collector output at ON: 20µs Max.at OFF: 50µs
Indicators	POWER: Power (Green LED) / OUTPUT: Operation (Green LED)			
Volume(VR)	-		TIME: Timer adjustment volume in the 0.1 to 1s or 1 to 10s range variable	
Switch(SW)	-			
Material	ABS resin			
Connection	Terminal block type (screw: M3.5, width: 8.1mm)			
Mounting	DIN rail (35mm), Threadably mounted type			

DIMENSIONS

