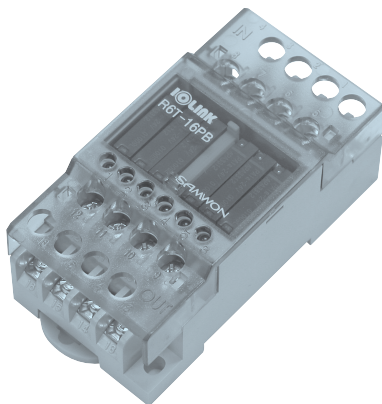


R6T Series 6 Points, 3 Points Common type

User's Guide



Thank you for purchasing product of SAMWON ACT.

Please check model of product that you purchase first, and read this manual prior to use it.

• Caution for Safety



Caution

Case that results in serious damage in human body or equipment, and fire if user handles this equipment wrongly



Warning

Case that results in slight damage in human body or equipment, and fire if user handles this equipment wrongly



Caution

1. Do Not use other voltage except appointed voltage. It may be the cause of fire or damage of equipment.
2. Use it within nominal voltage and current which are marked on load.
It may be the cause of fire or damage of equipment.
3. Check COMMON polarity of using controller (PLC, etc) first, and then select proper product.
It may be the cause of fire or damage of this equipment and user's.
 - 1) COMMON Polarity of controller is '+' (NPN TYPE) : R6T-16P-A
 - 2) COMMON Polarity of controller is '-' (PNP TYPE) : R6T-16P-B
4. Please make sure to check the internal wiring diagram of the relay board and the arrangement of the controller PIN (terminal) when wiring the relay board between the controller (PLC etc.).
It may be the cause of malfunction or damage of this equipment and user's.

※ The connection cable for PLC of various makers is provided by us. Please refer to the catalogue or contact Head or branch office if you need more detail models and specifications.



Warning

1. Plug or unplug power line and/or connector for signal after making sure to shut off power so as that it is prevented to be damaged or malfunctioned.
2. Read this user's guide which is attached to product, and check product's performance, specification, operation pattern, signal, and how to handle prior to use. Keep user's guide please.
3. When wiring the terminal block, please tighten it with the specified torque using the appropriate tool.
If it is outside of this range torque, it may cause malfunction due to breakage or looseness of tightening surface terminal.
4. Use removal key which is supplemented for replacement.

• Model Selection

Model	Installation Relay	IO Point(s)	Coil Rated voltage	Common		Interface		Dimensions (W×Dmm)	Mounting method
				Coil	Contact	Coil	Contact		
R6T-16P-A	PANASONIC APAN3124	6Point (1a×6)	24V DC	NPN $\oplus$ COM	3Points Com.	Screw Terminal 7.62mm Pitch		40.0×77.0	Mounting method/ DIN Rail (Channel)
R6T-16P-B				PNP $\ominus$ COM					

• NY/PA Relay Specification

Item		APAN3124
Contact	Arrangement	1 Form A (Bifurcated)
	Nominal switching capacity (resistive load)	5A 250V AC / 5A 30V DC
	Max. switching current	5A
	Max. switching voltage	250V AC / 110V DC (0.4A)
Coil	Nominal voltage	24V DC
	Pick-up voltage	70% max. of Rated voltage
	Drop-out voltage	5% min. of Rated voltage
	Coil resistance	5,236Ω
	Nominal operation power	110mW
Surge voltage between contact and coil		6,000V
Initial breakdown voltage between contact and coil		3,000V rms for 1min
Country of origin		CHINA

• Material/Specification

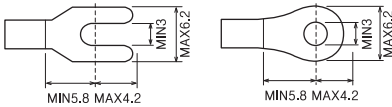
Case	Modified PPO
P.C.B	Epoxy 1.6t / 2oz
Applicable wire	AWG22~16 (MAX / 1.5mm ²)
Terminal Screw	M3 X 6L
Screw torque	7~8Kg·cm (0.68~0.78 N·m)
Ambient temperature	-10℃ ~ +50℃ (No condensation)

• Accessories

- 4Pole Short bar(1ea)

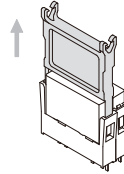


• Applicable crimp terminal



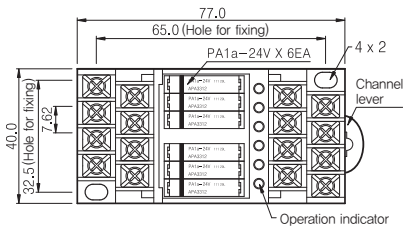
• How to replace relay

(Removal Key is embedded in product)



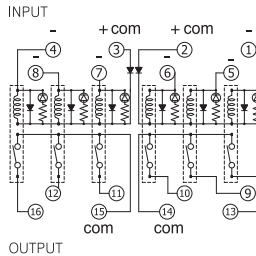
• Dimension

(When opening transparent PC cover)

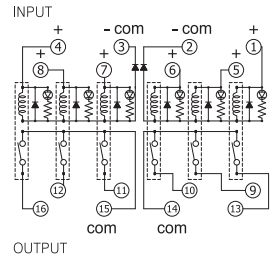


• Diagram

• R6T-16P-A



• R6T-16P-B



※ The above specifications are subject to change without notice.

※ Please contact HQ or branch office where you purchased product for A/S of this product or technique.



■ HQ : 47035, 28, Daedong-ro, Sasang-gu, Busan, Korea
TEL : (051)320-7777 FAX : (051)312-2233
■ SEOUL Office: 501, Iljik-dong, Gwangmyeong-si, Gyeonggi-do
TEL : (02)837-2230 FAX : (02)837-2226

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