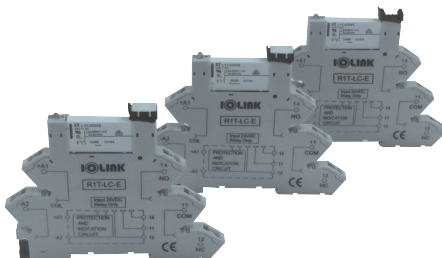


R1T-E Series 1 Form C, Spring-Cage Terminal Block

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.
4. Make controller and connection cable between relay boards after checking internal wiring of relay board and PIN (terminal or socket) array of controller if you want to make it for yourself.
It may be the cause of fire, and 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. Terminal wiring of power line and 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 use the appropriate tool ($\varnothing 2.6\text{mm}$ *0.35).

● Model Selection

Model	Installation Relay	IO Point(s)	Coil Rated voltage	Common		Interface		Dimensions (W×D mm)	Mounting method
				Coil	Contact	Coil	Contact		
R1T-LC-E	FUJITSU FTR-LYCA024E	1 Point (1c+1)	24V DC	Individual Power (Short bar Separate product)	Individual Com. (Short bar Separate product)		Push type Terinal	6.2 × 95.0	DIN Rail (Channel)

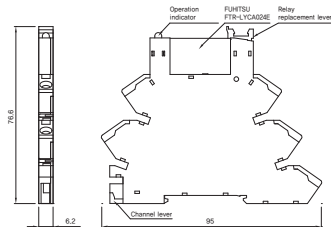
● FTR-LYCA024E Relay Specification

Item		FTR-LYCA024E
Contact	Arrangement	1 form C (1c)
	Rating	6A, 250V AC / 24V DC
	Max. switching current	6A
	Max. switching voltage	250V AC
Coil	Nominal Voltage	24V DC
	Must Operate Voltage	15.9V DC
	Must Release Voltage	1.2V DC
	Coil Resistance (±10%)	3,390Ω
	Nominal Power	170mW
Surge voltage (coil and contact)		6,000V (1.2 x 50μs standard wave)
Dielectric Strength (coil and contact)		4,000V AC(50/60 Hz) 1min
Country of origin		CHINA

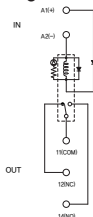
● Ferrule Selection

AWG/mm ²	DIN46228	Other	A(mm)	B(mm)	C(mm)
20/0.5	White	White/Orange	10.0	1.3	3.2
18/0.75	Gray	Blue/ White	10.0	1.5	3.4
17/1.0	Red	Red/Yellow	10.0	1.7	3.6
16/1.5	Black	Black/Dark Red	10.0	2.0	4.1
14/2.5	Bule	Grey/Blue	10.0	2.5	4.8

● Dimension



● Wiring Diagram

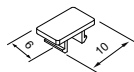


● Accessory (Separate product)

- STB-R1E (Short bar)



- M-R1E (Nameplate)



※ 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.



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