

Interface Terminal

RXT Series

Part Number Description

RXT - ①							
① Description	F01 (TF-1C KACON)	Q01 (TF-1C KACON)	A01 (TA-1a KACON)	B01 (HR96A HANKUK RELAY)	G04 (TA-1a KACON)	G04N (APAN3124 NAIS)	T04 (APAN3124 NAIS)
	K04 (JQ1A-24V NAIS)	K04H (HR96A HANKUK RELAY)	N321 (TA-1a KACON)	P321 (TA-1a KACON)			

Relay Specification

TA-1a, TR-1a

Rated Current		250VAC 5A, 30VDC 5A
Power Consumption		200mW (24VDC)
Minimum load Current		100mA 5VDC
Maximum Switching Current		5A
Time	Pick-up Time	Approx. 8ms
	Drop Out Time	Approx. 5ms
Life Cycle	Mechanical Life Cycle	Min. 10,000,000
	Electrical Life Cycle	Min. 100,000

☞ For the Motor Speed Controller, please use a product without the surge absorber.

☞ Select the Relay to be applied : RXT-K04(NAIS PQ1a), RXT-K04H(HR96A) RXT-K04M (omron relay)

TF-1C

Contact Ratings	Contact Form		1C
	Contact Material		Silver Alloy
	Maximum Contact Resistance		30mΩ
	Rated Current (Resistance Load)		6A 250VAC , 6A 30VDC
	Maximum Contact Capacity	DC	180W
		AC	1500VA
	Maximum Rated Voltage		6A 250VAC
Coil Ratings	Minimum Switching Current		1mA 5VDC
	Coil Voltage		12V 24V
	Coil Consumption		170mW 24VDC
	Minimum Pick Up Voltage		70% of Nominal Voltage
General Ratings	Maximum Drop-Out Voltage		5% of Nominal Voltage
	Operating Time		8ms
	Drop-out Time		4ms
	Insulation Resistance		100MΩ
	Dielectric Strength		Between Contact Points an Coil : 4,000VAC 1 minute
			Between Contact Points : 1,000VAC 1 minute
	Life Cycles	Mechanical	Min. 10,000,000
		Electrical	Min. 100,000
	Vibration Resistance		10Hz ~ 55HZ 1mm DA
	Ambient Temperature		-40°C ~ 85°C
	Ambient Humidity		5% ~ 85% RH
	Weight		Approx. 3g

Relay Specification

HR96A

Contact Ratings	Contact Form		1N/O
	Contact Material		Silver Alloy
	Maximum Contact Resistance		100mΩ
	Rated Current (Resistance Load)		5A 30VDC 10A 125VAC 5A 250VAC
	Maximum Contact Capacity	DC	150W
		AC	1,250VA
Coil Ratings	Minimum Switching Current		100mA 5VDC
	Coil Voltage		3VDC ~ 24VDC
	Coil Consumption		200mW 450mW
	Minimum Pick Up Voltage		Less than 75% of rated voltage
	Maximum Drop-Out Voltage		More than 10% of rated voltage
General Ratings	Operating Time		8ms
	Drop-out Time		5ms
	Insulation Resistance		100MΩ min.(at 500VDC)
	Dielectric Strength		Between Contact Points an Coil : 4,000VAC 1 minute
			Between Contact Points : 1,000VAC 1 minute
	Life Cycles	Mechanical	Min. 10,000,000
		Electrical	Min. 100,000
	Vibration Resistance		10 Hz to 55 Hz (vibration width: 1.5 mm)
	Ambient Temperature		-40°C ~ 70°C (with no icing)
	Ambient Humidity		35% ~ 85% RH
	Weight		Approx. 7g
	Certification		

ALQ324

Contact Ratings	Arrangement		1N/O
	Contact Material		Silver Alloy
	Initial contact resistance, max.		100mΩ
	Nominal switching capacity		10A 125VAC 5A 250VAC 5A 30VDC
	Max. switching power		1,250VA, 150W
	Max. switching current		5A
General Ratings	Insulation resistance		1,000MΩ min.(at 500VDC)
	Ambient temp		-40°C ~ 85°C
	Ambient Humidity		5% ~ 85% RH
	Unit weight		Approx. 7g
	Certification		UL, VDE, CQC



Relay Specification

APAN

Contact	Contact Form		1N/O
	Contact Material		AgNi + Au (24K alloy)
	Contact resistance		30mΩ
	Rated Current (Resistance Load)		5A 30VDC 5A 250VAC
	Max. switching current		5A
	Max. switching voltage (Resistive load)	DC	150W
		AC	1,250VA
	Max. switching voltage		110VDC (0.4A) 250VAC
Coil Ratings	Min. switching capacity (Reference value)*		1mA 5VDC
	Coil Voltage		12VDC 24VDC
	Nominal operating power		110mW
	Operate time		at nominal voltage Max. 10ms
General Ratings	Release time		at nominal voltage Max. 5ms
	Insulation resistance		1,000MΩ min. (500VDC)
	Breakdown voltage	Between open contacts	1,000VACrms for 1min.
		Between contact and coil	3,000VACrms for 1min.
	Surge breakdown voltage	Between contact and coil	6,000V
	Expected life	Mechanical	Min. 20,000,000
		Electrical	Min 100,000 (3A, resistive load)
	Vibration resistance	Functional	10 ~ 55Hz (at double amplitude of : 2.5mm)
		Destructive	10 ~ 55Hz (at double amplitude of : 3.5mm)
	Shock resistance	Functional	Min. 15G(147 m/s ²)
		Destructive	Min. 100G(980 m/s ²)
	Ambient temperature		-40 ~ +90°C (Not freezing and condensing)
	Humidity		5% ~ 85% RH
	Unit weight		Approx 3g

* Performance and specifications may change arbitrarily depending on product quality improvement and product improvement.

* Performance and specifications may vary depending on the purpose of use and conditions of use, so please contact our head office or dealer when applying to specific devices or special environments.

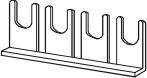
Interface Terminal

RXT Series

Product Selection

		Rekat	Distinction	Part Number
		TF-1C 250V 6A 30VDC 6A	Bolt terminal, 1P	RXT-F01
		TF-1C 250V 6A 30VDC 6A	Quick terminal, 1P	RXT-Q01
		TA-1A 250V 5A 30VDC 5A	1P	RXT-A01
		HR96A 250V 5A 30VDC 5A	1P	RXT-B01
		TA-1a 250V 5A 30VDC 5A	4P	RXT-G04
		APAN3124 250VAC 5A 30VDC 5A	4	RXT-G04N
		APAN3124 250VAC 5A 30VDC 5A	4P	RXT-T04
* One-touch separation using the separation lever				
		HR96A 250V 5A 30VDC 5A	4P	RXT-K04H
		ALQ324 (PANASONIC) 125VAC 10A	4P	RXT-K04
		TA-1A	NPN, 32P	1
		250V 5A 30VDC 5A	PNP, 32P	RXT-P321

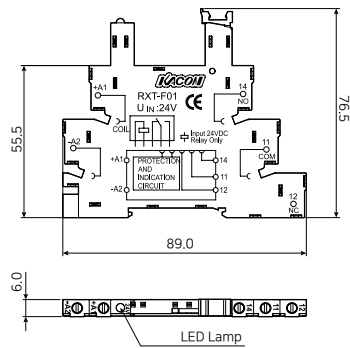
Accessory

	Applicable items	Part Number
	RXT-F01 RXT-Q01	short bar RXT-QS
	RXT-T04	short bar Connecting the common terminal of the power supply or the common terminal of the output (2ea provided as standard)

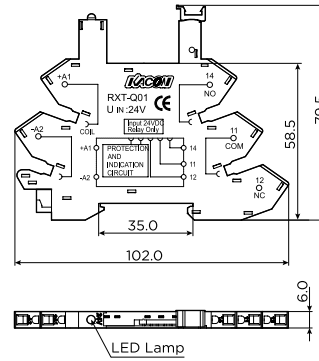
Dimension & Diagrams

unit : mm

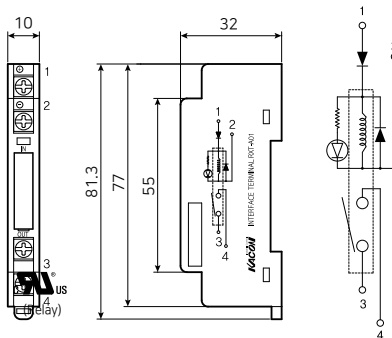
RXT - F01 screw type



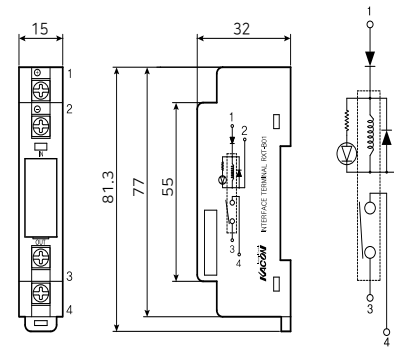
RXT - Q01 Pin Type



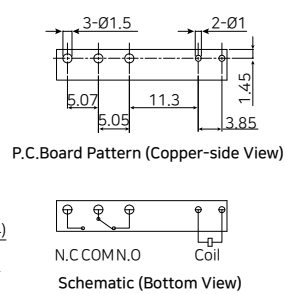
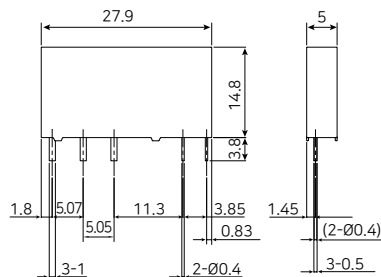
RXT - A01



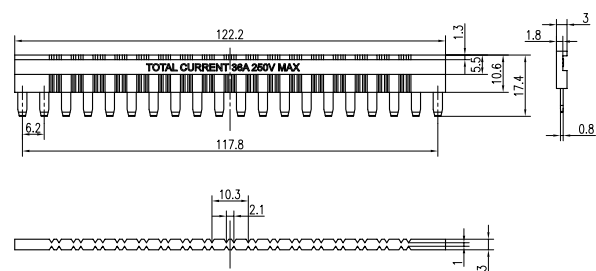
RXT - B01



TF-1C



RXT-QS



Interface Terminal

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Dimension & Diagrams

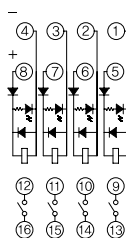
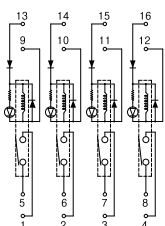
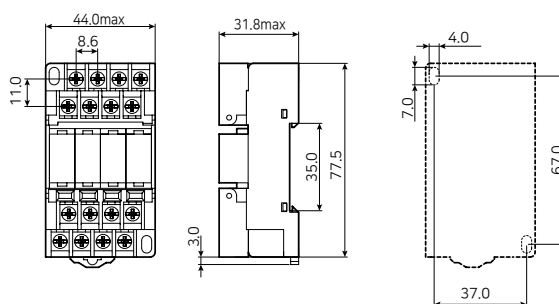
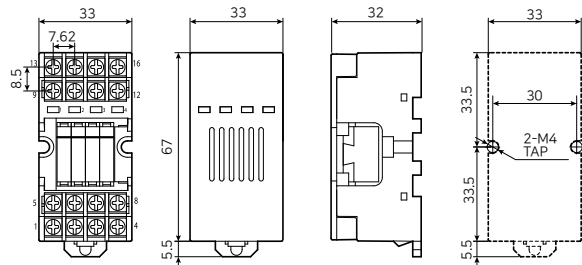
unit : mm

RXT - G04 (TA-1a relay mounted)

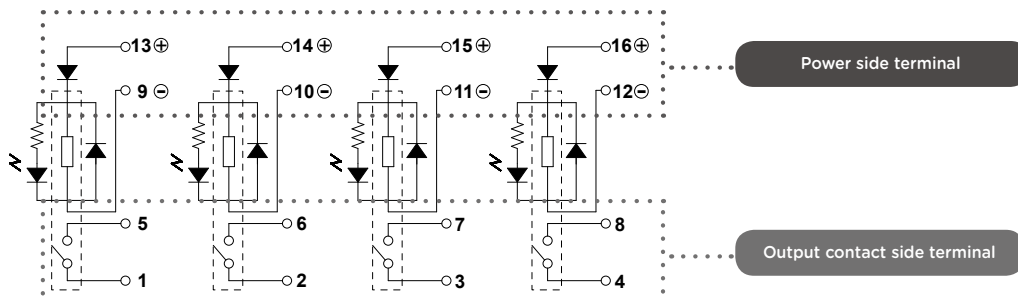
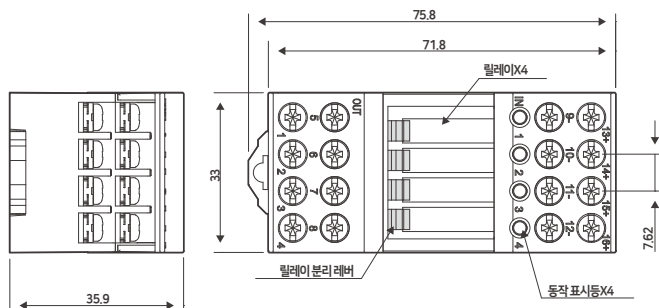
RXT - G04N (APAN3124 relay mounted)

RXT - K04 (PANASONIC ALQ324-24V relay mounted)

RXT - K04H (HR96A relay mounted)



RXT - T04



Interface Terminal

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Dimension & Diagrams

unit : mm

RXT - N32

