RY2 Wet Voltage Contact Relay Input Card

Please refer to JUXTA R Series Instruction Manual of RY1 (IM JR200-01) other than the items mentioned below :

1. Type and Suffix Code (Refer Article 3.1 of R Series Instruction Manual)

Type & Suffix Code of Wet Voltage Contact Relay

Type	Suffix code		Option code	Note
RY2				Wet voltage contact relay input card (2 channel use).
Input Signal Type	-1			100V AC wet voltage contact (85~132V AC)
	-2			200V AC wet voltage contact (170~264V AC)
Test Switch		0		Without test switch
		1		With test switch
Option code			/□□	

2. Major Specification of RY2 Wet Voltage Contact Relay Input Card (Refer Article 3.2 of R Series Instruction Manual)

Specifications of Wet Voltage Contact Input

		100V AC Wet Voltage Contact	200V AC Wet Voltage Contact
Rated input voltage		100~120V AC 50/60Hz	200~240V AC 50/60Hz
Rated input current		10mA (100V AC, 60Hz)	7.4mA (200V AC, 60Hz)
Used voltage range		85~132V AC, 47~63Hz	170~264V AC, 47~63Hz
Operting current/ voltage	ON	Over 80V AC, over 6mA	Over 160V AC, over 5mA
	OFF	Below 40V AC, below 4mA	Below 70V AC, below 3mA

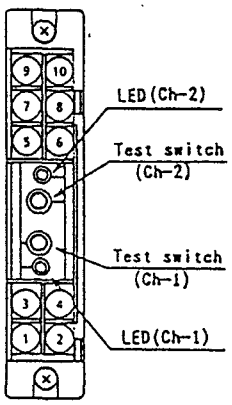
Specifications of Contact Output, etc.

Position of Test Switch	AUT	When input contact ON, output contact ON (Close when "a" contact)	
	OFF	Output contact compulsory OFF (Open when "a" contact)	
	ON	Output contact compulsory ON (Close when "a" contact)	
LED Lamp	Light ON	When relay is excited (output contact ON)	
	Light OFF	When relay is not excited (output contact OFF)	
Alarm for fuse break		Alarm contact becomes ON when break of relay circuit fuse (rating 0.15A) and DC/DC converter circuit fuse	
RY2 Wet Voltage Contact Relay Input Card Rating	Output-1 for DCS use	———	30V DC, 0.2A
	Output-2 for re-transmit use	Resistance Load	Maximum voltage to use : 250V AC or 125V DC 125V AC, 0.4A 30V DC, 1.0A
		Inductance Load	Maximum voltage to use : 250V AC or 125V DC 125V AC, 0.2A 30V DC, 0.5A
Outer contact rating			Dry Voltage Contact or open collector 24V DC more than 30mA

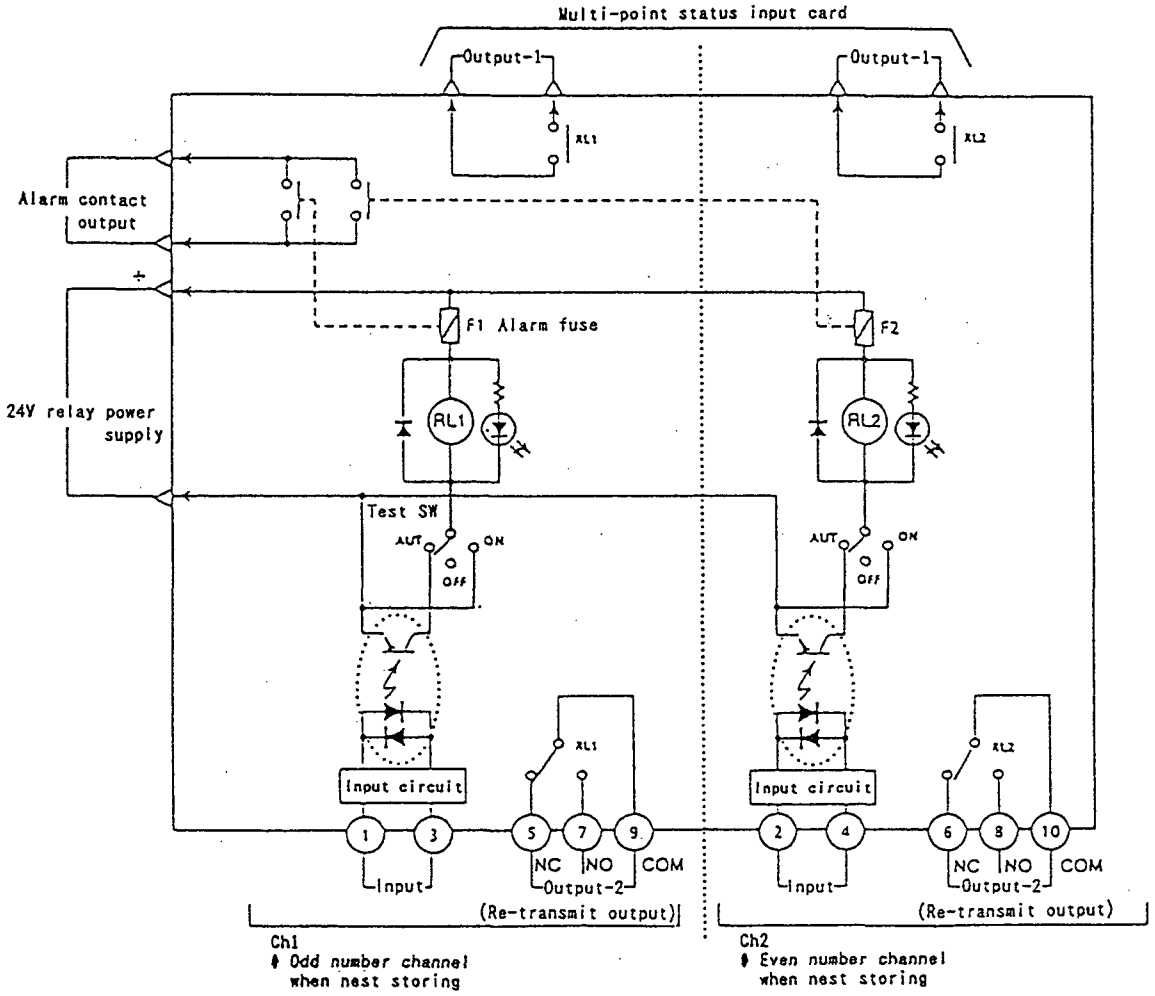
NOTICE
When driving inductance load (coils), protect contact and erase noise

3. Terminal Arrangement & Signal (Refer Article 3.3 of R Series Instruction Manual)

	Terminal No.	Signal
CH 1	1	Contact input (-) (Field side)
	3	Contact input (+) (Field side)
	5	b-contact output
	7	a-contact output
	9	Common
CH 2	2	Contact input (-) (Field side)
	4	Contact input (+) (Field side)
	6	b-contact output
	8	a-contact output
	10	Common



4. Block Diagram (Refer Article 3.4 of R Series Instruction Manual)



Subject to change without notice for grade up quality and performance.

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