1.6 |Interface Adaptor for DIII-NET Use (RA) <KRP928B2S>

1.6.1 Functions

Туре	BRC1C62	KRP928B2S
Group/Zone	One Group	Unified control for all Zone
ON/OFF	Possible	Possible
Temp. setting	Possible	Possible
Airflow rate setting	Possible	Impossible
Airflow direction setting	Possible	Impossible
Timer setting twice a day	Possible	Impossible
Mode setting	Possible	Possible
Filter sign reset	Possible	Impossible
Inspection/Test operation	Possible	Operation display only by lamps

<Overview, Features and Compatible Models>

This kit is the interface required when connecting the centralized control equipment and a Daikin Room Air Conditioner. Use of the centralized control equipment makes it possible to perform the following monitoring and operations. It is compatible with room air conditioners which have an HA connector S21.

- 1.Run / stop for the centralized control equipment and wired remote controller, operating mode selection, and temperature can be set.
- 2. The operating status, any errors, and the content of those errors can be monitored from the centralized control equipment and wired remote controller.
- 3.Run / stop for the centralized control equipment and wireless remote controller, operating mode selection, and the temperature setting can be limited by the centralized control equipment.
- 4.Zone control can be performed from the centralized control equipment.
- 5. The unit can remember the operating status of the air conditioner before a power outage and then start operating in the same status when the power comes back on.
- 6.Card keys, operating control panels, and other constant / instantaneous connection-compatible equipment can be connected.
- 7. The Operating / error signals can be read.
- 8.HA JEM-A-compatible equipment can be connected.
- 9. The indoor temperature can be monitored from the intelligent Touch Manager.

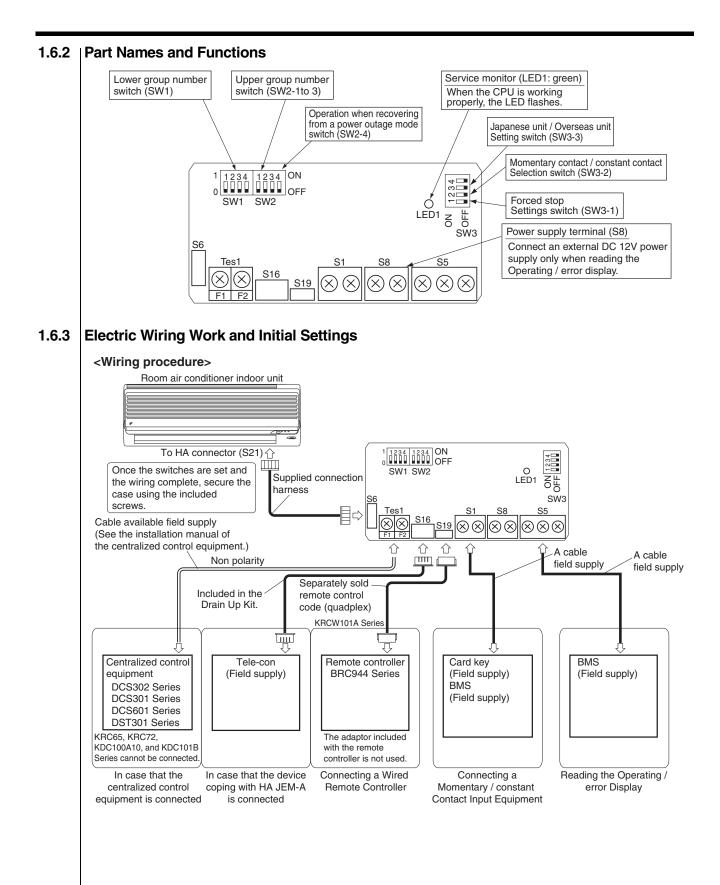
Precaution

- 1. When reading the Operating / error signals, a separate external power supply (DC 12V) is needed.
- 2.A separate timer power supply (DC 16V) is needed when using the schedule timer independently, and not in conjunction with other centralized control equipment.
- 3. The range of temperatures that can be set from the centralized control equipment is 18°C to 32°C in cooling and 14°C to 28°C in heating.
- 4. Fan operation cannot be selected from the centralized control equipment or wired remote controller.
- 5. Group control (i.e., control of multiple indoor units with a single remote controller) is not available.
- 6.Monitoring is not available of the thermo. status, compressor operating status, indoor fan operating status, electric heater, or humidifier operating status.
- 7.Forced thermo. off, filter sign display and reset, fan direction and speed settings, air conditioning fee management, energy savings instructions, low-noise instructions, and demand instructions cannot be made.

<Component Parts and Separately-Sold Parts which are Required>

This kit includes the following components. Check to ensure that none of these are missing.

Parts	Q'ty	Parts	Q'ty
Kitassy		Connection harness (about 1.6m)	1set
PCB is in the housing.	4	Mounting screws	3pcs.
Screw cover		Binding band	1pc.
		Installation manual	1set



NOTE				the switche			set.			
-	0	nade while the power is on are invalid.								
				tting (SW)		board.				
				tting (SW3 ethods are		for settir	na the te	emperature	e in automatio	c mode, so this switc
	to be set.							-		
Destinatio	on SW3-3		"Automo	tio" operation	n in not		What Ha	•	d control equip	mont
Japan	Of (Factory	F setting)	When us control e is change	ing "automa quipment dis ed, it will retu	tic" ope splays urn to 2	eration us automatio 25°C after	sing the v c cooling r a while	wireless rem (heating) a	note controller, nd 25°C. Even	the centralized if the temperature
Other countri				•		ailable fro	m the ce	entralized co	ntrol equipme	nt.
				/2-1 to SW2 ontrol equips		Set to the	■ side.)	Do not set	more than one	e unit to the same numb
However, the setting The setting n this case	hese setting gs are need e, the sched	is do not ne ed when us ule timer pe	ed to be ed in cor erforms a	made when njunction wit	using h anoth ess afte	the scheo ner DCS \$ er the pov	dule time Series ce ver is tur	r independe entralized co		nt.)
			SW2 setting	Upper group No.	SW1 settina	Lower group No.	SW1 setting	Lower group No.		
				1—1	1 2 3 4	0 0	1 2 3 4	0.8		
				2— 0	1 2 3 4	0 1		0.9		
				3—		0 2		1 0		
			1 2 3	4—		03		11		
				5—		04		1 2		
				6—	1234	0 5		13		
			123							
				7—		06		14		
Power sup Recomme	oply specs: I ended power	DC 16V, +1 supply: On	0%, -15% nron S82	8— Ipply is need 6, 200mA. J-01015A. (i	Should	0 7 en using 1 be used	with the	1 5 dule timer ir	ndependently. age adjusted to	o the center, DC 16V.)
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Power sup Recomme (3) Settin This se during jumper	pply specs: I ended power gs when r elects whe operation. r. Note also	DC 16V, +1 supply: On recovering ther to res This setting that rega	power su 0%, -15% nron S82 g from a tart ope ng is giv urdless c	8– bpply is need 6, 200mA. J-01015A. (7 a power ou ration when ren priority	led whe Should Itage (n the p in cas switch	07 en using f be used (SW2-4) power co es wher SW2-4	the sche with the omes ba e the in is on or	1 5 dule timer ir output volta ick on afte door unit h off, the op	nge adjusted to r a power our as an auto s perating mod	tage occurred tart ON / OFF
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<Control Codes>

When using the centralized control equipment, the operating codes can be used to limit operation from wireless remote controllers.

O : permitted; x: prohibited

			Operati "Run" control from the centralized control equipment				ons from the remote controller "Stop" control from the centralized control equipment				Operations from the centralized control
S1 operating mode	Control mode	Control code	Run / timer	Stop	Operating mode temperature	Fan direction and fan speed	Run / timer	Stop	Operating mode temperaturet	Fan direction and fan speed	equipment, contact input and HA JEM-A input
	ON / OFF control	0,1,3	×	×	0		×	×	0		
	is rejected	10,11	×	×	×		×	×	×		
	Only OFF control is accepted	2 12–19	×	0	×		×	0	×		
	Central priority	4	0	0	0		×	0	0 x		
Instantaneous		5	0	0	0	0	×	×	0	0	0
contact mode	Last command priority	6,7	0	0	0		0	0	0		
	Timer operation is accepted by remote controller	8	O (Only du	O ring timer o	O peration)		× O	0	×		
		9	O O (Only during timer or		O peration)		×	×	0		
Constant contact mode			×	×	0		×	×	0		
Forced stop			×	×	×	×	×	×	×	×]

The remote controller permission / prohibition settings using the intelligent Touch Manager are as follows. O : permitted; x: prohibited

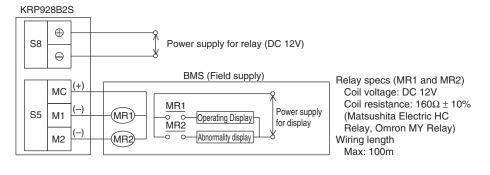
S1 pin operating mode	intelligent	Touch Manage	er settings	Ope	Operations from the centralized control equipment, contact input and HA JEM-A			
mode	Start / stop	Change operating mode	Change set temperature	Run / timer	Stop	Operating mode temperature	Fan direction and fan speed	input
	ON / OFF	permitted	permitted	×	×	0		0
Instantaneous	control is	permitteu	prohibited	×	×	0		
contact mode		prohibited	permitted	×	×	×		
	rejected		prohibited	×	×	×	O	
•	Only OFF control is accepted	permitted	permitted	×	×	0		
Constant			prohibited	×	0	×		
contact mode		prohibited	permitted	×	0	×		
			prohibited	×	0	×		
	Last command	permitted	permitted	0	0	0		
Instantaneous		permitted	prohibited	0	0	0		
contact mode		prohibited	permitted	×	0	×		
			prohibited	×	0	×		
Constant	priority		permitted	×	×	0		
			prohibited	×	×	0		
contact mode			permitted	×	×	×		
			prohibited	×	×	×		
Forced stop	Doe	s not affect set	ings	×	×	×	×	

<Read Operating / Error Display Signal>

The Operating / error signals can be read from the contact output (S5). Output specs

- M1: Turn MR 1 ON when the air conditioner is running.
- M2: Turn MR 2 when a communication error has occurred between the KRP928B2S and the air conditioner, or MR 1 is ON and the unit has stopped after an error.

MR 2 is not turned ON during a warning.



C: 3P157704-2A