

Compact PWM Converter

FRENIC-eRHC

Error of the specifications in the instruction manual (INR-SI47-2144-E) are corrected.

3.4.4 Checking I/O Signal Status “I/O Checking: *4_10*”

(Page 3-11)

LED Monitor shows:	Description	
	Mistake	Correct
4_10	Shows the output voltage on terminal [FM1] (FMV) in volts (V).	Shows the output voltage on terminal [FM2] (FMV) in volts (V).

3.4.5 Reading Maintenance Information “Maintenance Information: *5_15*”

(Page 3-14)

LED Monitor shows:	Description	
	Mistake	Correct
5_15	When the input watt-hour exceeds 999,900 kWh, the counter will be reset to “0.”	When the input watt-hour exceeds 999,900 kWh, it is limited to “999,900”.

5.2.2 Function Codes Table

■ E codes: Extension Terminal Functions (Terminal function)

(Page 5-3)

Code	Factory Default	
	Mistake	Correct
E18	0	1
E19	3	0

Code	Change when running	
	Mistake	Correct
E21 to E25	Y	Y*

※E01, E28 (Terminal X1, X2)

14 : Universal DI function is not available yet.

※E02 to E05 (Terminal Y1 to Y3, Y5A/C)

25 : Universal DO function is not available yet.

■ U codes: User Functions (User function)

(Page 5-4)

Code	Related page	
	Mistake	Correct
U04 to U10	5-19	5-20

Code	Change when running	
	Mistake	Correct
U04,U05	Y	N

Code	Data setting range	
	Mistake	Correct
U04 to U10	-9999 to 9999	0 to 9999

5.3.1 F Codes (Basic Function)

(Page 5-6)

Code	Description	
	Mistake	Correct
F09	F09 specifies a display coefficient (multiplication factor) for displaying the input watt-hour data (<i>5_15</i>) in a part of maintenance information on the keypad.	F09 specifies a display coefficient (multiplication factor) for displaying the input watt-hour data (<i>5_15</i>) in a part of maintenance information on the keypad.

5.3.2 E Codes (Extension Terminal Functions)

(Page 5-8)

■ AC fuse blown – “ACF” (Function code data = 15)

Code	Description	
	Mistake	Correct
E01,E28	-	The detection of AC fuse disconnection is for A contact (normally open) type. If the microswitch for AC fuse blown detection is used as shown in basic connection drawing please connect all microswitches in series to X terminal. In addition, function code E14 should be set as b contact (normally closed) for X2 terminal because microswitches are b contact. However, function code E14 cannot be changed when operation command is ON. Therefore, please turn off the operation command before changing E14.

6.3.1 Alarm Code List

(Page 6-3)

Table 6.3-1 Error detection

No.	Display	Item	Specification	
			Mistake	Correct
[5]	<i>dLU</i>	DC undervoltage	DC undervoltage detection level (200V series : 185Vdc, 400V series : 371Vdc)	DC undervoltage detection level (200V series : 180Vdc, 400V series : 360Vdc)

8.1 Standard Specifications

(Page 8-1)

■200V

PWM converter model	Input	
	Rated power supply side current (AC)(A)	
	Mistake	Correct
RHC5.5C-2E□	16	20
RHC7.5C-2E□	22	27
RHC11C-2E□	32	40
RHC15C-2E□	45	55
RHC18.5C-2E□	55	67
RHC22C-2E□	64	80

9.3.3 Capacitor for Harmonic Filter

(Page 9-5)

PWM converter model	Model	Dimensions (mm)				Approx Mass (kg)	
		A		B		Mistake	Correct
		Mistake	Correct	Mistake	Correct		
RHC5.5C-2E□	CF2C-7.5E	/	/	185	176	/	/
RHC7.5C-2E□							
RHC11C-2E□	CF2C-15E	120	160	185	216	4.3	5.2
RHC15C-2E□							
RHC18.5C-2E□	CF2C-22E	120	170	185	226	4.3	5.4
RHC22C-2E□							
RHC5.5C-4E□	CF4C-7.5E	120	140	185	196	4.2	4.7
RHC7.5C-4E□							
RHC11C-4E□	CF4C-15E	130	160	195	216	4.5	5.2
RHC15C-4E□							
RHC18.5C-4E□	CF4C-22E	150	180	215	236	4.9	5.7
RHC22C-4E□							
RHC30C-4E□	CF4C-37E	150	180	215	236	4.9	5.7
RHC37C-4E□							
RHC45C-4E□	CF4C-55E	170	250	235	306	5.4	7.2
RHC55C-4E□							
RHC75C-4E□	CF4C-75E	150	180	215	236	4.9	5.7