

ORDERING INFORMATION

MODEL : R7HL-PA2SJ, R7HL-PA2SAx

PLEASE FILL IN THIS SECTION



Model
Company
Name
P/O No.

FACTORY USE ONLY



Job No.	Approved by (Sales office)
Ser No.	Issued by (Sales office)
Sales	Approved by (Factory)
	Set by (Factory)

Specify the items you want to change. Default setting will be used if not specified.

DEFAULT shows values in case of nothing specified. For item with (Speed data) specify when speed data is selected in Conversion data, for item with (Position data) specify when position data is selected in Conversion data.

■ TRANSFER RATE

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
TRANSFER RATE	<input type="checkbox"/> 12Mbps	12Mbps	<input type="checkbox"/>
	<input type="checkbox"/> 6Mbps		

■ STATION ADDRESS

AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
01H to 3CH (hexadecimal)		01H	<input type="checkbox"/>

■ CONVERSION DATA

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
CONVERSION DATA	<input type="checkbox"/> Position	Position	<input type="checkbox"/>
	<input type="checkbox"/> Speed		

■ FREQUENCY RANGE (Speed data)

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
FREQUENCY RANGE	<input type="checkbox"/> 0 – 100 kHz	0 – 100 kHz	<input type="checkbox"/>
	<input type="checkbox"/> 0 – 10 kHz		
	<input type="checkbox"/> 0 – 1 kHz		
	<input type="checkbox"/> 0 – 100 Hz		
	<input type="checkbox"/> 0 – 10 Hz		
	<input type="checkbox"/> 0 – 1 Hz		
	<input type="checkbox"/> 0 – 0.1 Hz		

■ SCALING (Speed data)

CHANNEL	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	-32 000 to +32 000	to	0 to 10 000	<input type="checkbox"/>
INPUT 1	-32 000 to +32 000	to	0 to 10 000	<input type="checkbox"/>

■ DROP OUT (Speed data)

CHANNEL	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	0.10 to 50.00 (%)	to (%)	0.10 (%)	<input type="checkbox"/>
INPUT 1	0.10 to 50.00 (%)	to (%)	0.10 (%)	<input type="checkbox"/>

■ COUNT MODE (Position data)

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
COUNT MODE	<input type="checkbox"/> Mode 3: x4	Mode 3: x4	<input type="checkbox"/>
	<input type="checkbox"/> Mode 2: x2		
	<input type="checkbox"/> Mode 1: x1		
	<input type="checkbox"/> Mode 0: x1		

■ MAX. TOTALIZED VALUE (Position data)

CHANNEL	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	-2 099 999 999 to +2 100 000 000	to	2 100 000 000	<input type="checkbox"/>
INPUT 1	-2 099 999 999 to +2 100 000 000	to	2 100 000 000	<input type="checkbox"/>

■ MIN. TOTALIZED VALUE (Position data)

CHANNEL	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	-2 100 000 000 to +2 099 999 999	to	2 100 000 000	<input type="checkbox"/>
INPUT 1	-2 100 000 000 to +2 099 999 999	to	2 100 000 000	<input type="checkbox"/>

■ RESET VALUE (Position data)

CHANNEL	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	Min. totalized value to Max. totalized value		0	<input type="checkbox"/>
INPUT 1	Min. totalized value to Max. totalized value		0	<input type="checkbox"/>

■ ALARM TYPE

CHANNEL	ALARM	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	A	<input type="checkbox"/> Not used	Not used	<input type="checkbox"/>
		<input type="checkbox"/> Speed/High		
		<input type="checkbox"/> Speed/Low		
		<input type="checkbox"/> Position/High		
		<input type="checkbox"/> Position/Low		
	B	<input type="checkbox"/> Not used	Not used	<input type="checkbox"/>
		<input type="checkbox"/> Speed/High		
		<input type="checkbox"/> Speed/Low		
		<input type="checkbox"/> Position/High		
		<input type="checkbox"/> Position/Low		
INPUT 1	A	<input type="checkbox"/> Not used	Not used	<input type="checkbox"/>
		<input type="checkbox"/> Speed/High		
		<input type="checkbox"/> Speed/Low		
		<input type="checkbox"/> Position/High		
		<input type="checkbox"/> Position/Low		
	B	<input type="checkbox"/> Not used	Not used	<input type="checkbox"/>
		<input type="checkbox"/> Speed/High		
		<input type="checkbox"/> Speed/Low		
		<input type="checkbox"/> Position/High		
		<input type="checkbox"/> Position/Low		

■ SET POINT (Position data)

CHANNEL	ALARM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	A	Min. totalized value to Max. totalized value		100 000 000	<input type="checkbox"/>
	B	Min. totalized value to Max. totalized value		100 000 000	<input type="checkbox"/>
INPUT 1	A	Min. totalized value to Max. totalized value		100 000 000	<input type="checkbox"/>
	B	Min. totalized value to Max. totalized value		100 000 000	<input type="checkbox"/>

■ HYSTERESIS (Position data)

CHANNEL	ALARM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	A	< (Max. totalized value - Min. totalized value)		1 000	<input type="checkbox"/>
	B	< (Max. totalized value - Min. totalized value)		1 000	<input type="checkbox"/>
INPUT 1	A	< (Max. totalized value - Min. totalized value)		1 000	<input type="checkbox"/>
	B	< (Max. totalized value - Min. totalized value)		1 000	<input type="checkbox"/>

■ SET POINT (Speed data)

CHANNEL	ALARM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	A	-15.00 to +115.00 (%)	(%)	80.00 (%)	<input type="checkbox"/>
	B	-15.00 to +115.00 (%)	(%)	20.00 (%)	<input type="checkbox"/>
INPUT 1	A	-15.00 to +115.00 (%)	(%)	80.00 (%)	<input type="checkbox"/>
	B	-15.00 to +115.00 (%)	(%)	20.00 (%)	<input type="checkbox"/>

■ HYSTERESIS (Speed data)

CHANNEL	ALARM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
INPUT 0	A	0 to +115.00 (%)	(%)	5.00 (%)	<input type="checkbox"/>
	B	0 to +115.00 (%)	(%)	5.00 (%)	<input type="checkbox"/>
INPUT 1	A	0 to +115.00 (%)	(%)	5.00 (%)	<input type="checkbox"/>
	B	0 to +115.00 (%)	(%)	5.00 (%)	<input type="checkbox"/>

■ ALM POWER ON DELAY

ITEM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
ALM POWER ON DELAY	0.0 to 60.0 (sec.)	(sec.)	5.0 (sec.)	<input type="checkbox"/>

■ ALM ON DELAY TIMER

ITEM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
ALM ON DELAY TIMER	0.0 to 60.0 (sec.)	(sec.)	0.1 (sec.)	<input type="checkbox"/>

■ ALM ON HOLD TIMER

ITEM	AVAILABLE VALUE	SET VALUE	DEFAULT VALUE	Factory Internal check
ALM ON HOLD TIMER	0.0 to 60.0 (sec.)	(sec.)	0.1 (sec.)	<input type="checkbox"/>

■ ALARM HLS COMMAND

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
ALARM HLS COMMAND	<input type="checkbox"/> Disable	Disable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ EXTERNAL LATCH

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
EXTERNAL LATCH	<input type="checkbox"/> Disable	Enable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ HLS LATCH

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
HLS LATCH	<input type="checkbox"/> Disable	Enable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ HLS LATCH DATA CLEAR

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
HLS LATCH DATA CLEAR	<input type="checkbox"/> Disable	Enable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ EXTERNAL RESET

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
EXTERNAL RESET	<input type="checkbox"/> Disable	Enable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ HLS RESET

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
HLS RESET	<input type="checkbox"/> Disable	Enable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ HLS RESET DATA CLEAR

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
HLS RESET DATA CLEAR	<input type="checkbox"/> Disable	Enable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ Z RESET

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
Z RESET	<input type="checkbox"/> Disable	Enable	<input type="checkbox"/>
	<input type="checkbox"/> Enable		

■ ENCODER INPUT (SPEED CONVERSION DATA)

Encoder input data is converted into digital representations of 0 – 100% proportional to each scaled range.

The converted % values are multiplied by 100 and expressed in 16 bits.

Overrange input is possible from -15 to +115% of the nominal range.

When the signal exceeds the limit, the data is fixed at -15% or +115% respectively.

· Input Range 0 – 100 kHz

Input Value	Input %	Converted Data, Decimal	Converted Data, Hex
-130kHz	-15%	-1500	FA24
-100kHz	0%	0	0
0kHz	50%	5000	1388
100kHz	100%	10000	2710
130kHz	115%	11500	2CEC

