

ORDERING INFORMATION

MODEL : R3-NM1, R3-NM3

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)
Ser No.	

Specify the items you want to change. Default setting will be used if not specified.
 DEFAULT shows values in case of nothing specified.

MODBUS SETTINGS

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
BAUD RATE	<input type="checkbox"/> 38.4kbps <input type="checkbox"/> 19.2kbps <input type="checkbox"/> 9600bps <input type="checkbox"/> 4800bps	38.4kbps	<input type="checkbox"/>
NODE ADDRESS Address range: 01 – F7 (hexadecimal)		0	<input type="checkbox"/>
PARITY *1	<input type="checkbox"/> None <input type="checkbox"/> Odd <input type="checkbox"/> Even	None	<input type="checkbox"/>
DATA MODE *1	<input type="checkbox"/> RTU (Binary) <input type="checkbox"/> ASCII	RTU (Binary)	<input type="checkbox"/>

*1. Bit assignment according to Parity and Data Mode setting.

MODE	START	DATA	PARITY	STOP
RTU	1	8	1	1
	1	8	None	2
ASCII	1	7	1	1
	1	7	None	2

■ DATA ALLOCATION

MODULE NO.	SET VALUE	MODEL NAME (Memo)	DEFAULT VALUE	Factory Internal check
1	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
2	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
3	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
4	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
5	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
6	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
7	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
8	<input type="checkbox"/> 1 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 16		1	<input type="checkbox"/>
9 and later	same type as No. 8	-	-	-

Data Allocation Type* must be assigned to each I/O module position to specify how many data areas (four types) are to be occupied by each.

Setting for No. 9 and later modules is identical to No. 8.

* Refer to the specifications of the related series for the Data Allocation Type of I/O modules.

■ FUNCTION SETTINGS

ITEM	SET VALUE	DEFAULT VALUE	Factory Internal check
MAIN network / SUB network For single communication, the network module must always be set to 'MAIN'.	<input type="checkbox"/> MAIN <input type="checkbox"/> SUB	MAIN	<input type="checkbox"/>
Input Error Data Hold: When the communication from an input module is lost due to the input module error, the network module holds the signal and stands by until the communication recovers. Set to '0': When the communication from an input module is lost due to the input module error, the network module outputs '0.'	<input type="checkbox"/> Hold <input type="checkbox"/> Set to '0'	Hold	<input type="checkbox"/>
MAIN / SUB Switching Control *2 NORMAL: 'Main' bus is normally used, while 'Sub' bus is when the main communication has failed. HOST: The host PC or PLC can choose whether 'Main' or 'Sub' bus is used.	<input type="checkbox"/> NORMAL <input type="checkbox"/> HOST	NORMAL	<input type="checkbox"/>
LED Function RUN / ERROR indication mode RUN LED green when normal ERR LED green when abnormal RD / SD indication mode RUN LED red when receiving ERR LED red when transmitting	<input type="checkbox"/> RUN / ERROR <input type="checkbox"/> RD / SD	RUN / ERROR	<input type="checkbox"/>

*2. Be sure to match this control mode for both network modules in dual communication mode. For use in single communication mode, there is no need to specify.