EXPLC communication construction – Modbus Rtu mode with EX485LNK
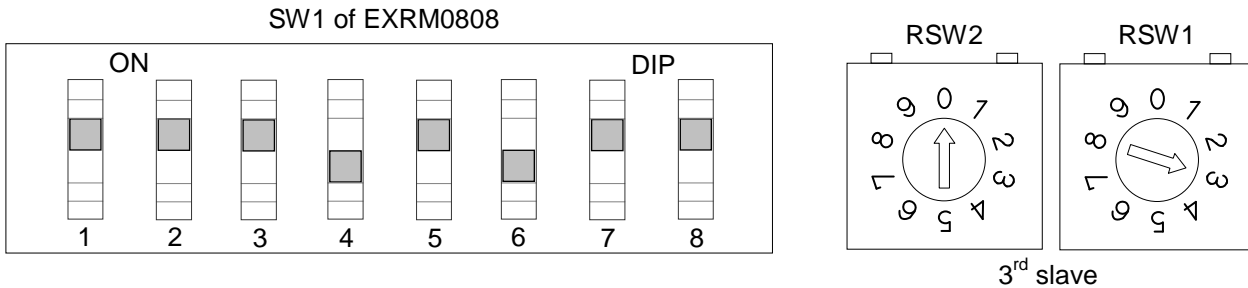
♦ Configuration

EXPLC Master	485 LNK		485 ADP	EXPLC Slaver 1		485 ADP	EXPLC Slaver 2		EXRM0808 Modbus Rtu
	Modbus Rtu			Modbus Rtu			Modbus Rtu		

Terminal connection:

EX485LNK

RDA	RDB	SDA	SDB	SG	SG

EX485ADP

RDA	RDB	SDA	SDB	SG	SG

EX485ADP

RDA	RDB	SDA	SDB	SG	SG

EXRM0808

D+	D-	C0	Y00	...

Switches of EXRM0808 :

SW1 of EXRM0808

ON   DIP

1	2	3	4	5	6	7	8

RSW2   RSW1

3rd slave
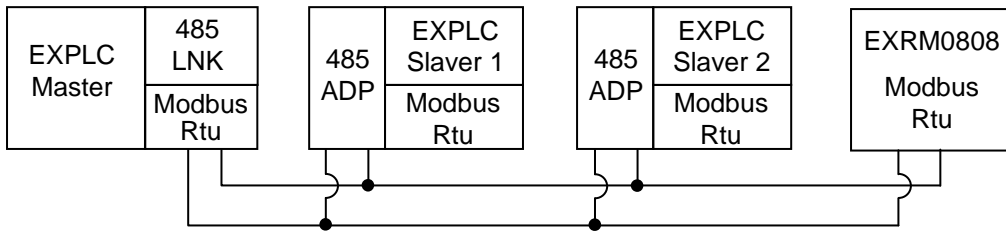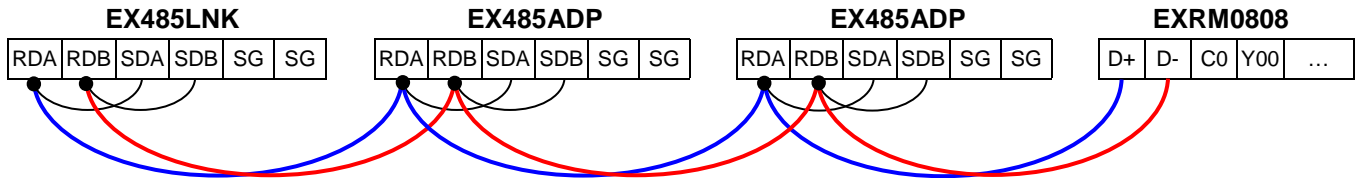
Note : About communication format of 485LNK, please refer to user's manual of EX485LNK; format of Remote I/O, refer to manual of EXRM0808

♦ Program action

X12 ON : communication is started

Transmission of this example as follows,

Data of master D2000 are sent to D4 of slave 1

Master D1000 receives data from D0 of slave 1

Data of master D2020 are sent to D4 of slave 2

Master D1020 receives data from D0 of slave 2

Data of master D2040 are sent to D4 of slave 3

Master D1040 receives data from D0 of slave 3

♦ Program function

LIYAN ELECTRIC