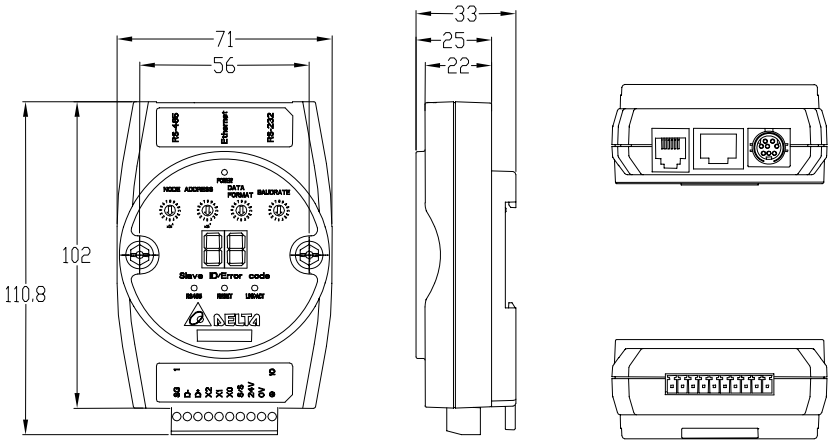
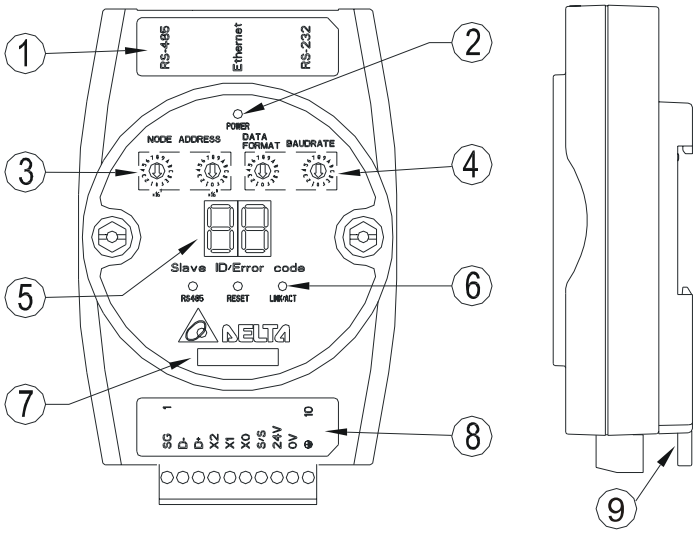
2 Product Profile & Outline

2.1 Dimension



Unit: mm

2.2 Product Profiles

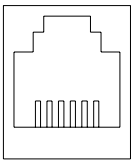


① Communication ports: RS-485, Ethernet, RS-232	⑥ RS-485 indicator, Reset button, Ethernet indicator
② Power indicator	⑦ Module name
③ Address setup rotary switch。	⑧ RS-485 connector, digital input points, power input point, earth point
④ Communication format/baud rate setup switch	⑨ DIN rail connector
⑤ Message display	

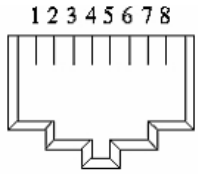
2.3 LED Indicators

Name	Color	Function
POWER	Green	Power status
RS-485	Green	Status of series communication port
LINK/ACT	Green	Status of network communication

2.4 RJ-11 PIN Definition

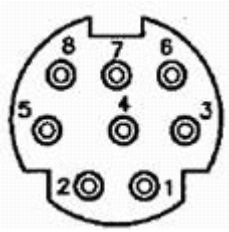
RJ-11 sketch	PIN.	Signal	Definition
 6←1	1	--	N/C
	2	--	N/C
	3	D+	Positive pole for data
	4	D-	Negative pole for data
	5	GND	Reference
	6	--	N/C

2.5 RJ-45 PIN Definition

RJ-45 sketch	PIN	Signal	Definition
	1	Tx+	Positive pole for data transmission
	2	Tx-	Negative pole for data transmission
	3	Rx+	Positive pole for data receiving
	4	--	N/C
	5	--	N/C
	6	Rx-	Negative pole for data receiving
	7	--	N/C
	8	--	N/C

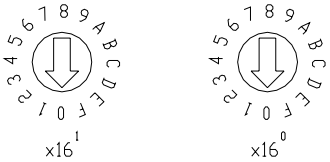
2.6 RS-232 PIN Definition

PIN	Signal	Content
1	--	N/C
2	--	N/C
3	--	N/C
4	Rx	Reception data
5	Tx	Transmission data
6	--	N/C
7	--	N/C
8	GND	Ground



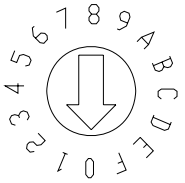
2.7 Address Switch

Switch setting	Content
01…F7	Valid node address setting



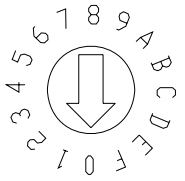
2.8 Data Format

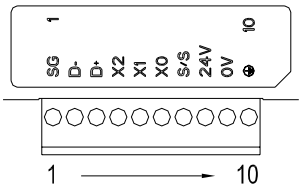
Switch setting	Format	Switch setting	Format
0	7-N-1	8	7-N-2
1	8-N-1	9	8-N-2
2	7-O-1	A	7-O-2
3	8-O-1	B	8-O-2
6	7-E-1	E	7-E-2
7	8-E-1	F	8-E-2



2.9 Baud Rate for Modbus Communication

Switch setting	Baud rate	Switch setting	Baud rate
1	110	7	4,000
2	150	8	9,600
3	300	9	19,200
4	600	A	38,400
5	1,200	B	57,600
6	2,400	C	115,200



2.10 Feed-through Terminal PIN Definition

PIN	Signal	Content
1	SG	Reference ground of signal
2	D-	Data-
3	D+	Data-
4	X2	Digital input 2
5	X1	Digital input 1
6	X0	Digital input 0
7	S/S	Reference ground of digital input
8	24V	+24V input
9	0V	0V input
10		Earth ground