

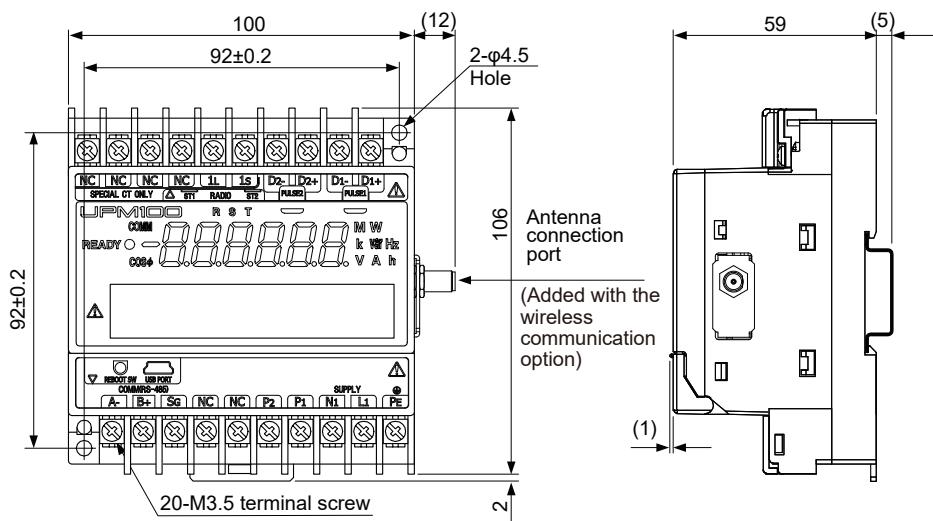
# Drawings

Model UPM100  
Universal Power Monitor  
(Wireless Communication Type)

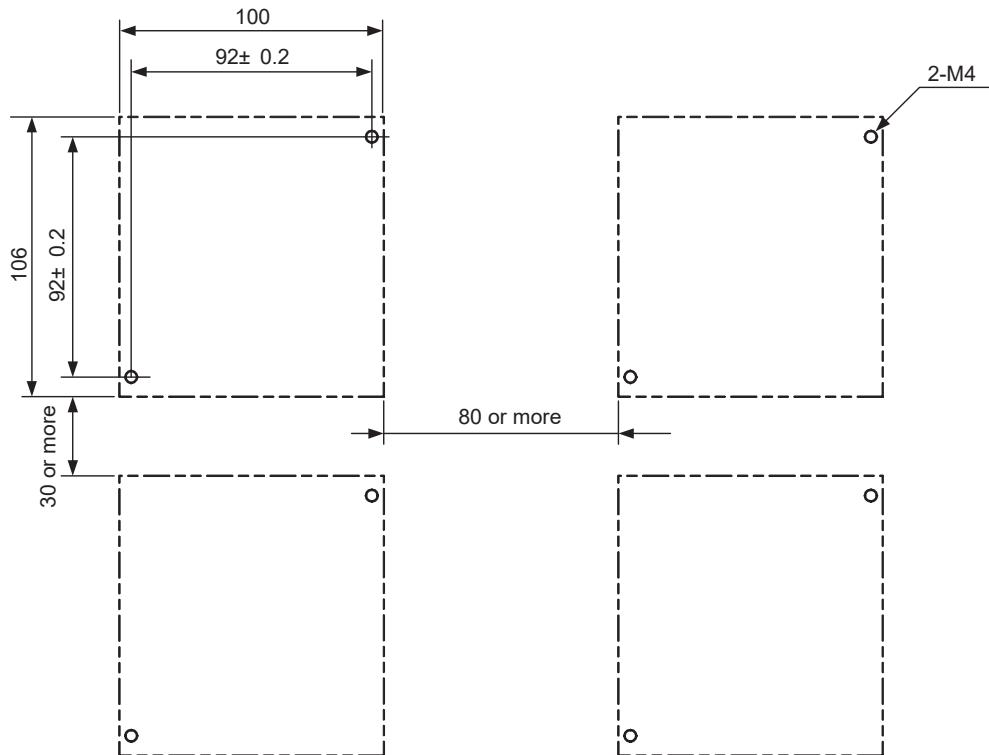
SD 77C01H01-43EN

## External Dimensions

Unit: mm

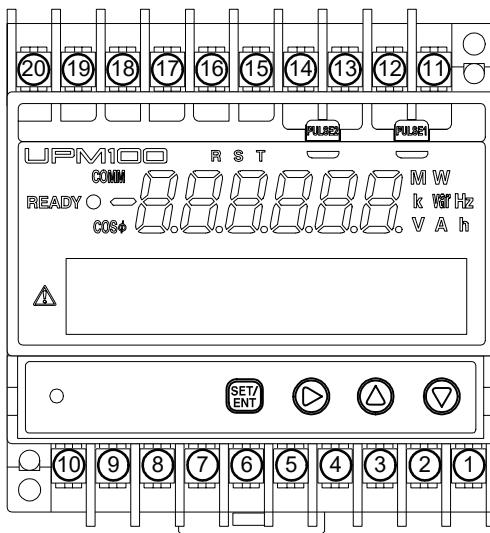


## Panel Cutout Dimensions



Normal tolerance: ±(value of JIS B 0401-1998 tolerance grade IT18) /2

## Terminal Wiring Diagrams



### • Single-phase 2-wire

No.	Terminal Symbol	Signal Name
1	PE	Protective ground
2	L1	Power supply
3	N1	Power supply
4	P1	Voltage input
5	P2	Voltage input
6	NC	Unused terminal
7	NC	Unused terminal
8	SG	RS-485 signal ground
9	B+	RS-485 (+)
10	A-	RS-485 (-)
11	D1+	Pulse output-1 of electric energy (+)
12	D1-	Pulse output-1 of electric energy (-)
13	D2+	Pulse output-2 of electric energy (+)
14	D2-	Pulse output-2 of electric energy (-)
15	1S	Current input
16	1L	Current input
17	NC	Unused terminal
18	NC	Unused terminal
19	NC	Unused terminal
20	NC	Unused terminal

### • Single-phase 3-wire/ Three-phase 3-wire

No.	Terminal Symbol	Signal Name
1	PE	Protective ground
2	L1	Power supply
3	N1	Power supply
4	P1	Voltage input
5	P0 [P2]	Voltage input
6	P2 [P3]	Voltage input
7	NC	Unused terminal
8	SG	RS-485 signal ground
9	B+	RS-485 (+)
10	A-	RS-485 (-)
11	D1+	Pulse output-1 of electric energy (+)
12	D1-	Pulse output-1 of electric energy (-)
13	D2+	Pulse output-2 of electric energy (+)
14	D2-	Pulse output-2 of electric energy (-)
15	1S	Current input
16	1L	Current input
17	2S [3S]	Current input
18	2L [3L]	Current input
19	NC	Unused terminal
20	NC	Unused terminal

The inside of brackets in Terminal Symbol means the case of three-phase 3-wire.

### • Three-phase 4-wire

No.	Terminal Symbol	Signal Name
1	PE	Protective ground
2	L1	Power supply
3	N1	Power supply
4	P1	Voltage input
5	P0	Voltage input
6	P2	Voltage input
7	P3	Voltage input
8	SG	RS-485 signal ground
9	B+	RS-485 (+)
10	A-	RS-485 (-)
11	D1+	Pulse output-1 of electric energy (+)
12	D1-	Pulse output-1 of electric energy (-)
13	D2+	Pulse output-2 of electric energy (+)
14	D2-	Pulse output-2 of electric energy (-)
15	1S	Current input
16	1L	Current input
17	2S	Current input
18	2L	Current input
19	3S	Current input
20	3L	Current input