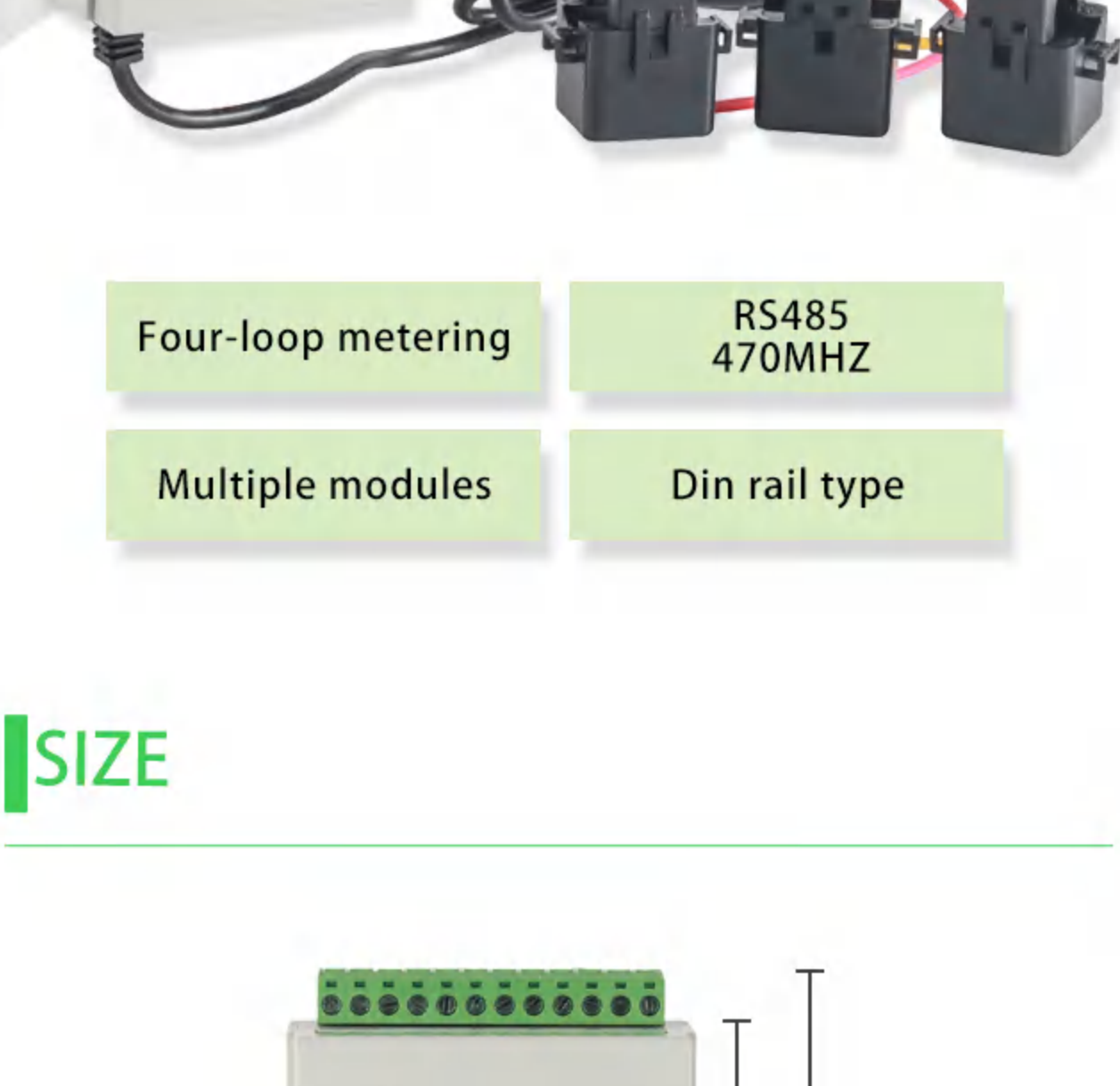


ADW SERIES MULTI-CIRCUITS ENERGY METER



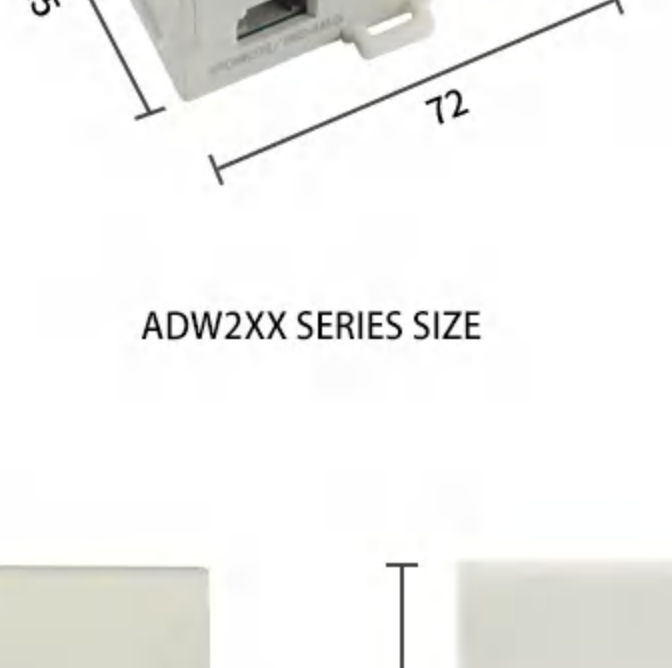
Four-loop metering

RS485
470MHZ

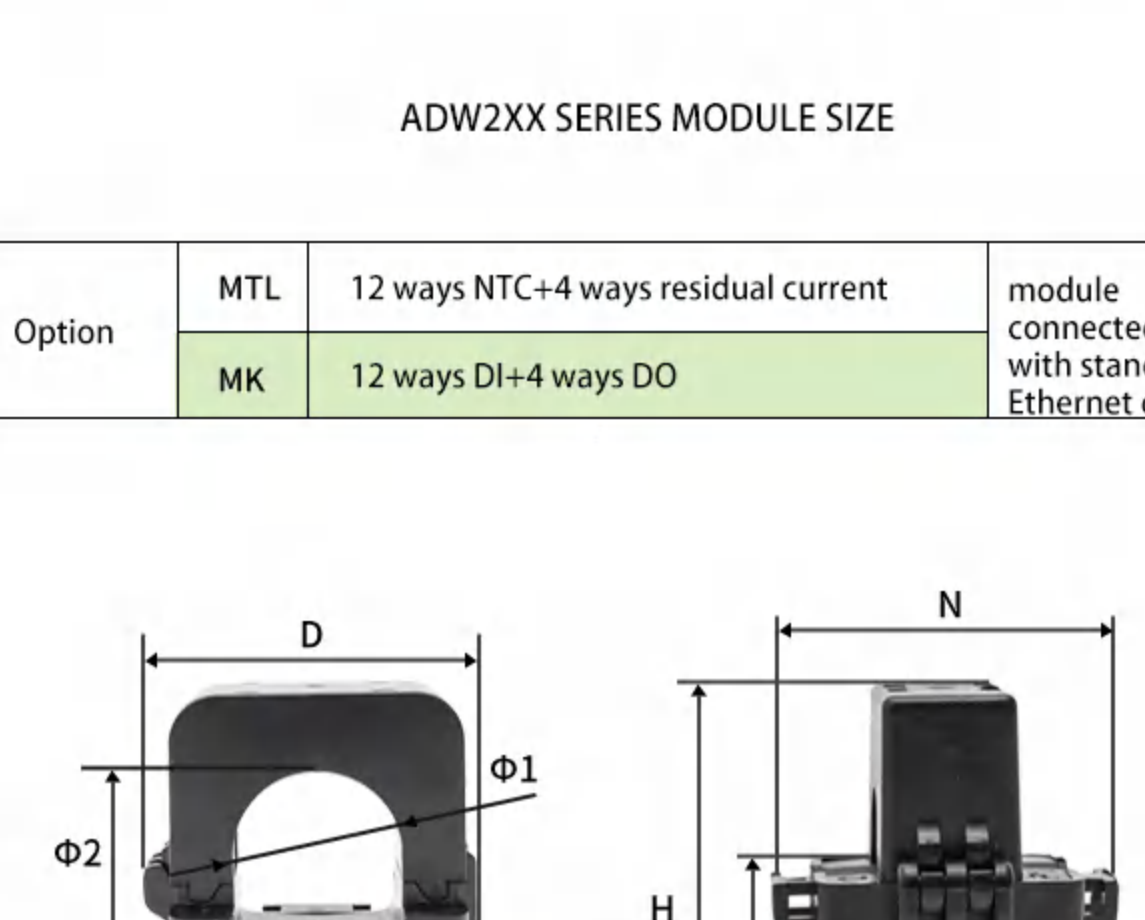
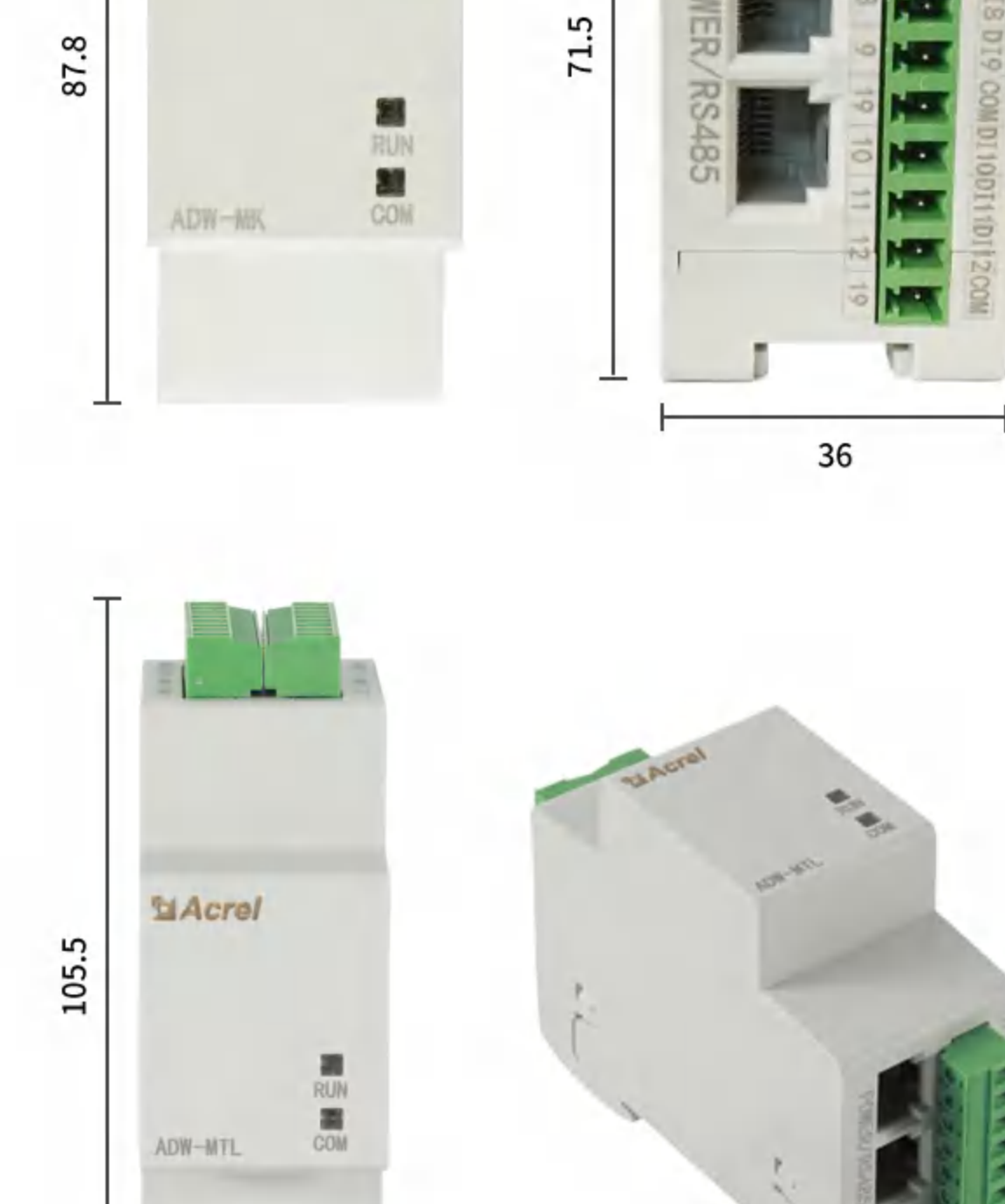
Multiple modules

Din rail type

SIZE

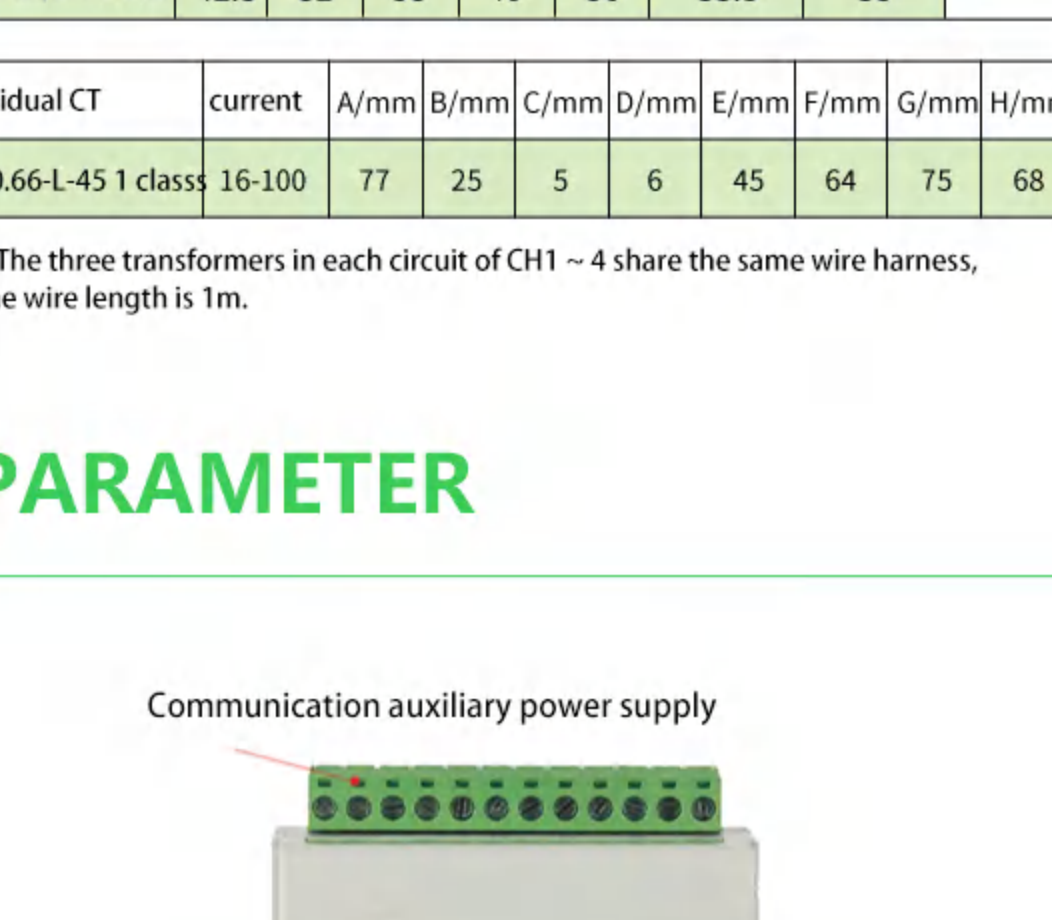


ADW2XX SERIES SIZE



ADW2XX SERIES MODULE SIZE

Option	MTL	12 ways NTC+4 ways residual current	module connected with standard Ethernet cable
	MK	12 ways DI+4 ways DO	

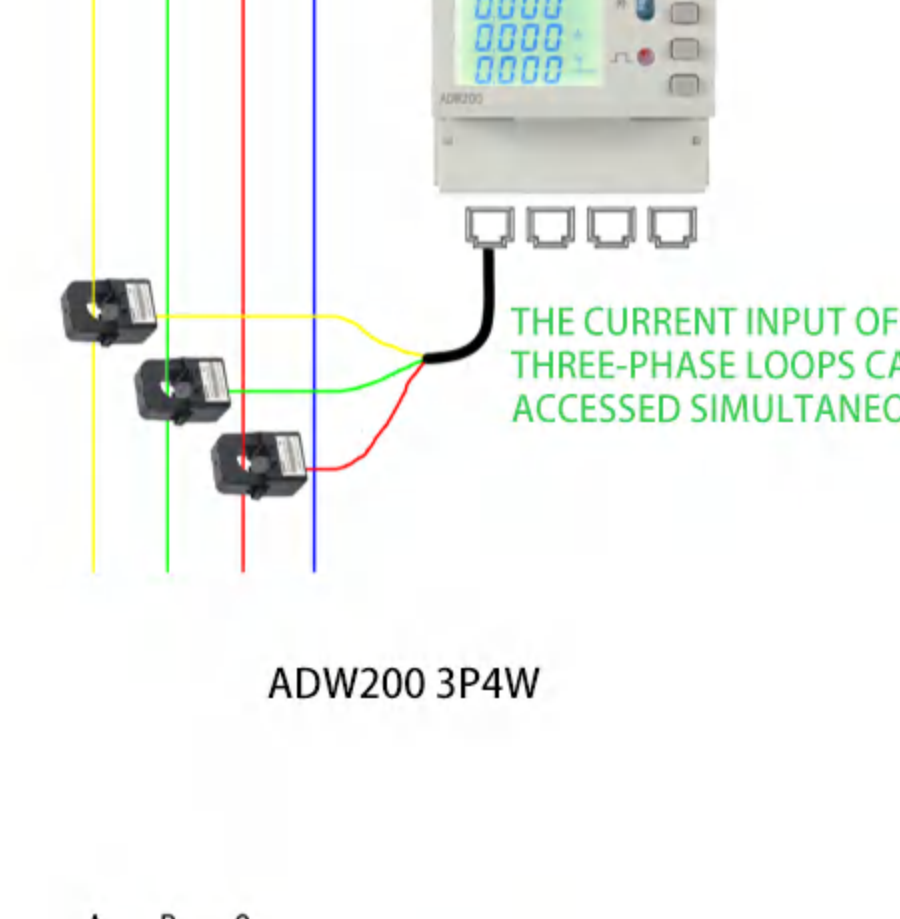


Open type CT	Size (mm)					Dia. (mm)		Tolerance (mm)
	W	H	D	M	N	Φ1	Φ2	
AKH-0.66/K-∅ 10N	27	44	32	25	36	10	9	±1
AKH-0.66/K-∅ 16N	31	50	36	27	42	16	17	
AKH-0.66/K-∅ 24N	39	71	46	36	52	24	23.5	
AKH-0.66/K-∅ 36N	42.5	82	58	40	56	33.5	35	

Residual CT	current	A/mm	B/mm	C/mm	D/mm	E/mm	F/mm	G/mm	H/mm	We/Lkg
AKH-0.66-L-45 1 class	16-100	77	25	5	6	45	64	75	68	0.18

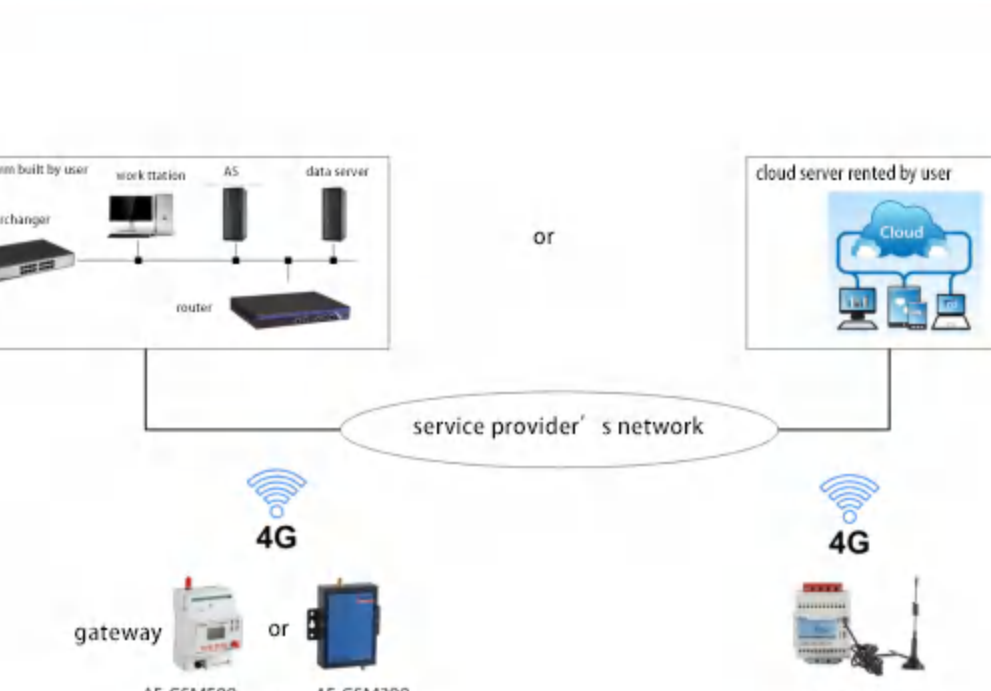
Note: The three transformers in each circuit of CH1 ~ 4 share the same wire harness, and the wire length is 1m.

PARAMETER

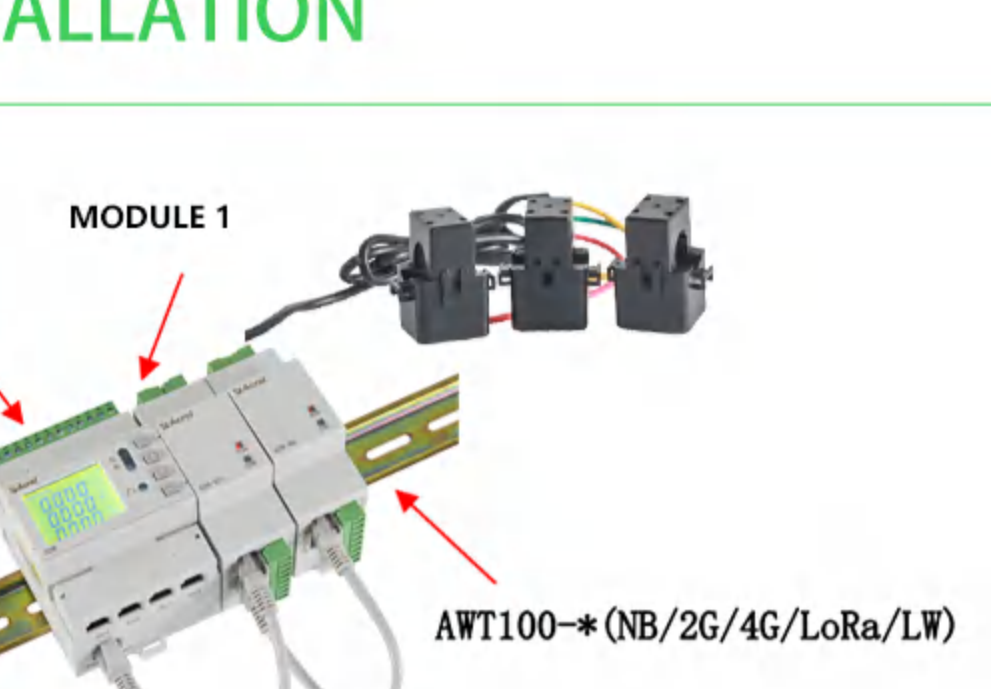


Current	AC 5A、100A、400A、600A; (open core CT)
Voltage	AC 3×220V/380V;
Measure	VOLTAGE AND CURRENT LEVEL 0.5, ACTIVE ELECTRIC ENERGY LEVEL 1, REACTIVE ELECTRIC ENERGY LEVEL 2;
Protocol	RS485 INTERFACE、MODBUS-RTU PROTOCOL;

CONNECTION MODE

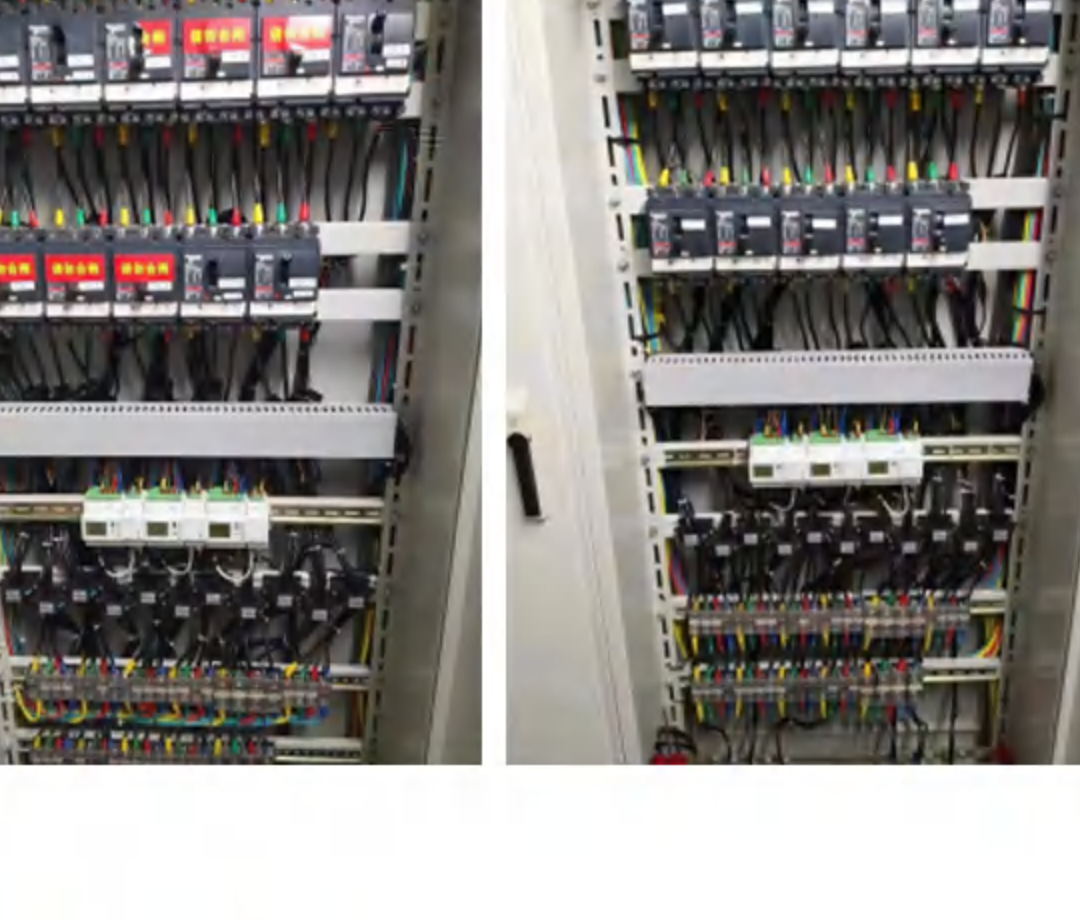


ADW200 3P4W

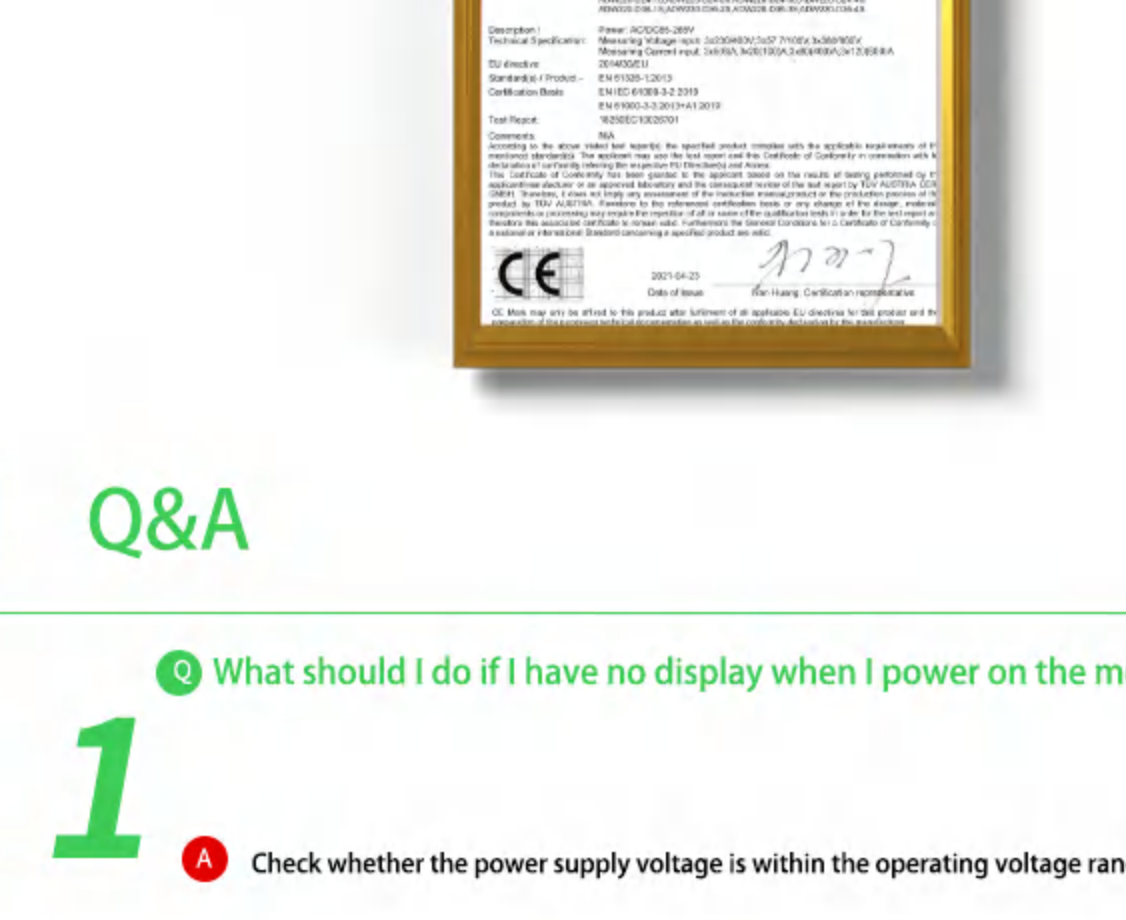


ADW200 3P3W

APPLICATION

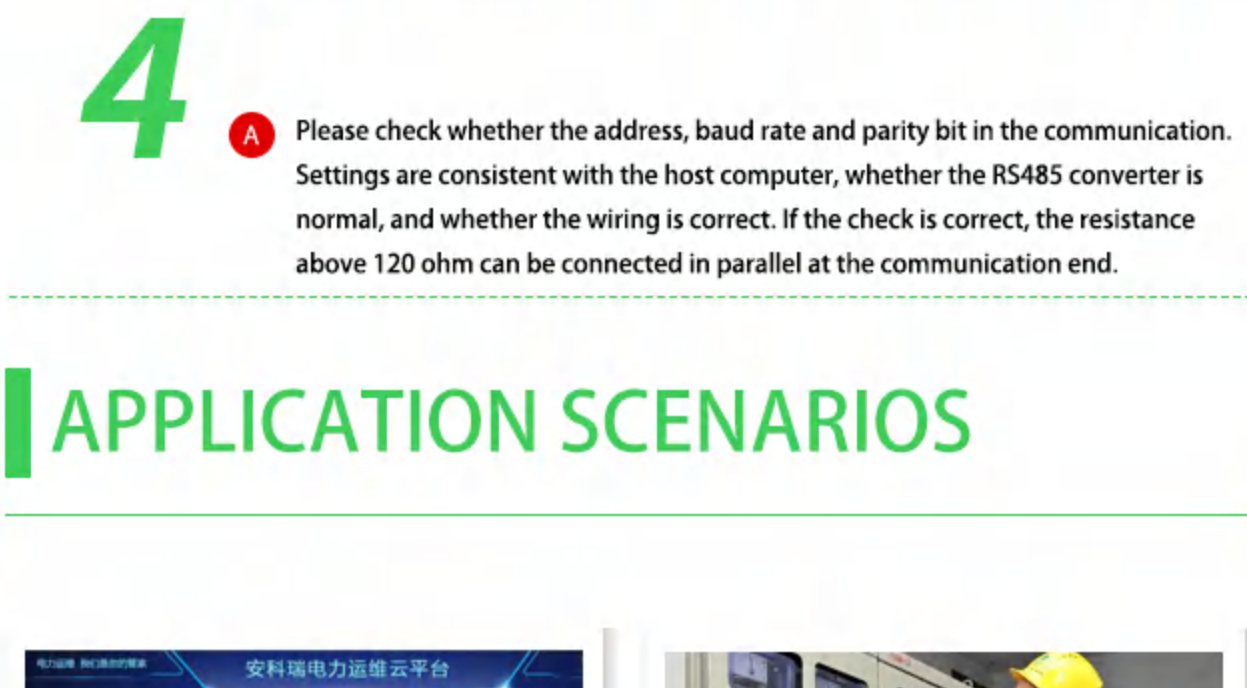


INSTALLATION



DIN RAIL INSTALLATION

SCENE GRAPH



CERTIFICATE



Q&A

Q What should I do if I have no display when I power on the meter?

1

A Check whether the power supply voltage is within the operating voltage range.

Q What to do if the meter voltage, current, electric energy and other readings are not correct?

2

A Check whether the voltage to current ratio is set correctly, whether the connection mode is set as actual, and whether the voltage transformer and current transformer are in good condition.

Q What if the meter power or power factor is incorrect?

3

A Check whether the connection mode, voltage and current phase sequence are correct, and cable connections are correct.

Q What to do if the instrument communication is abnormal?

4

A Please check whether the address, baud rate and parity bit in the communication. Settings are consistent with the host computer, whether the RS485 converter is normal, and whether the wiring is correct. If the check is correct, the resistance above 120 ohm can be connected in parallel at the communication end.

APPLICATION SCENARIOS

ABOUT ACREL

Acrel Co., Ltd. [Stock Code : 300286.SZ] is a high-tech enterprise concentrating on research, production, sales and services. It mainly provides systemic solutions of energy efficiency management and electrical safety for users. 'Acrel' is equipped with the complete production lines from cloud platform software to sensors. Until now, it has more than 8000 sets systemic solutions used in China to help users to realize energy visual management ,supply energy data services and improve elec-

WORKSHOP

