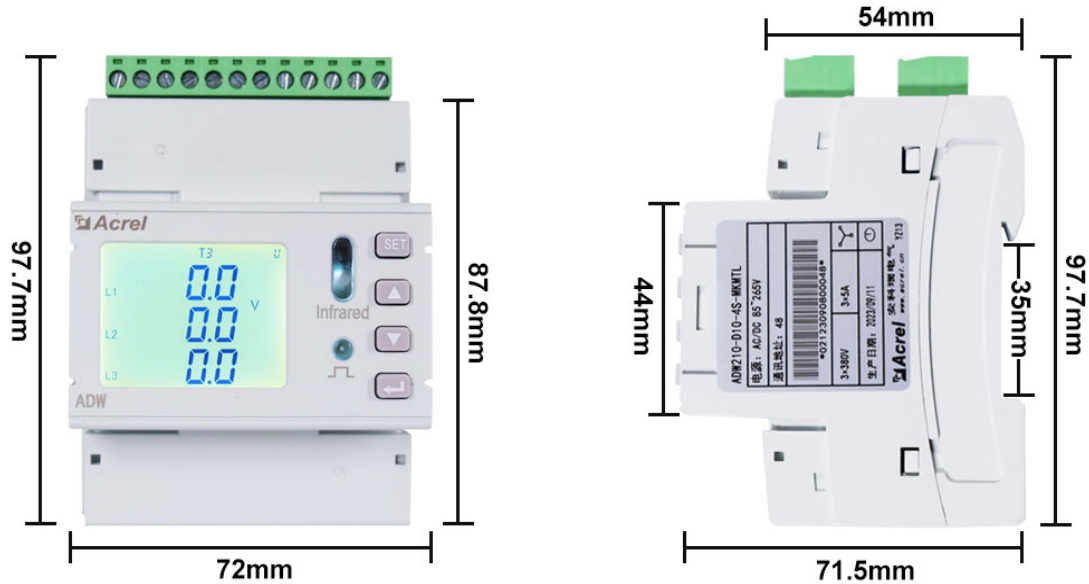


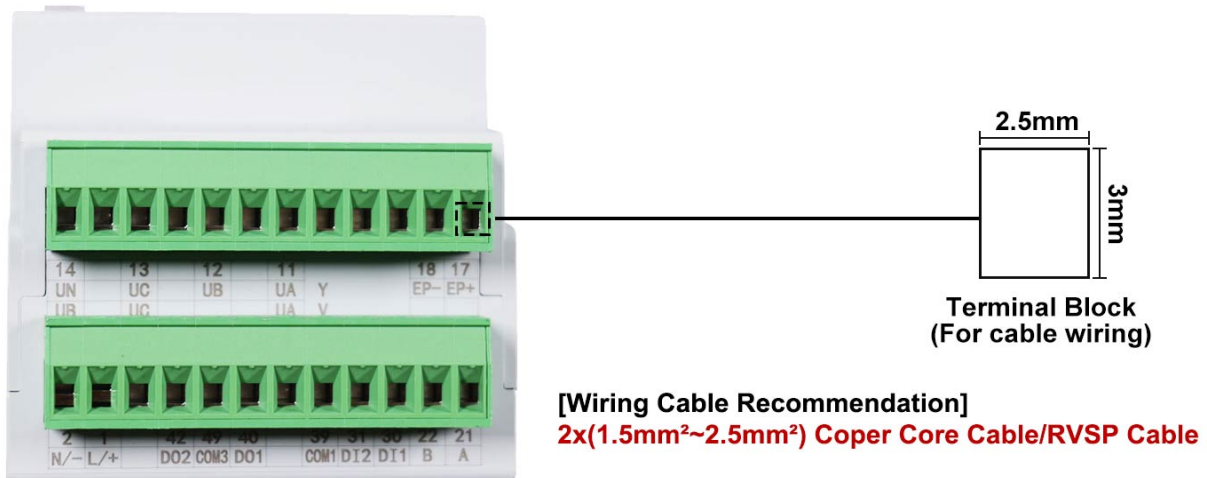
0. Installation Dimension

Dimension of necessary hardware including:

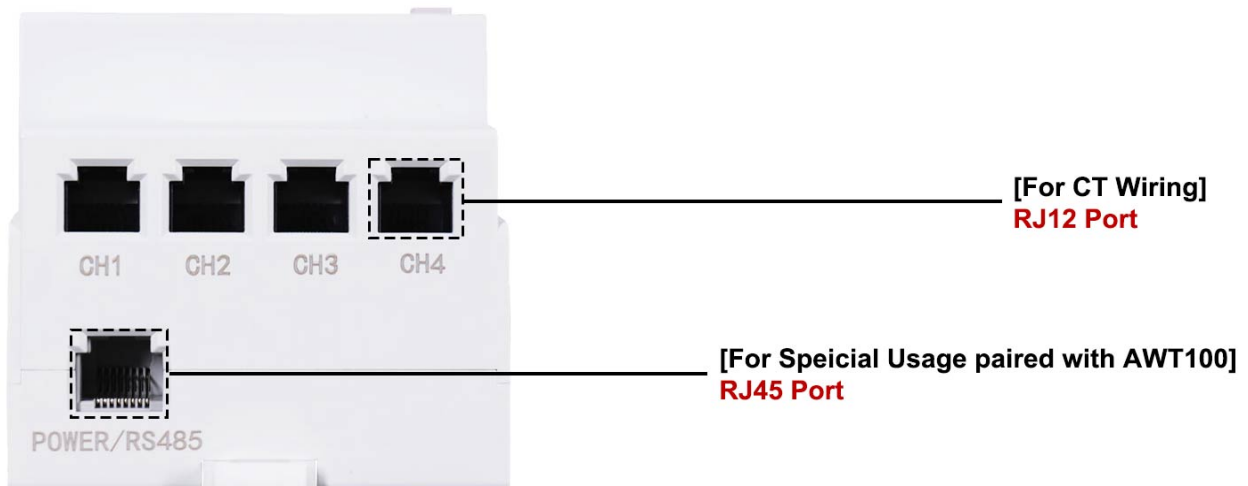
- (1) ADW210 3-phase Multi-circuit Energy Meter (Main Body&Terminal Block/PIN)
- (2) AKH-0.66/K K- xxN Series 3 in 1 Current Transformer (Main Body + Output Cable)



(1) Dimension of Main Body of ADW210



(1) Dimension of Upside Terminal Block of ADW210

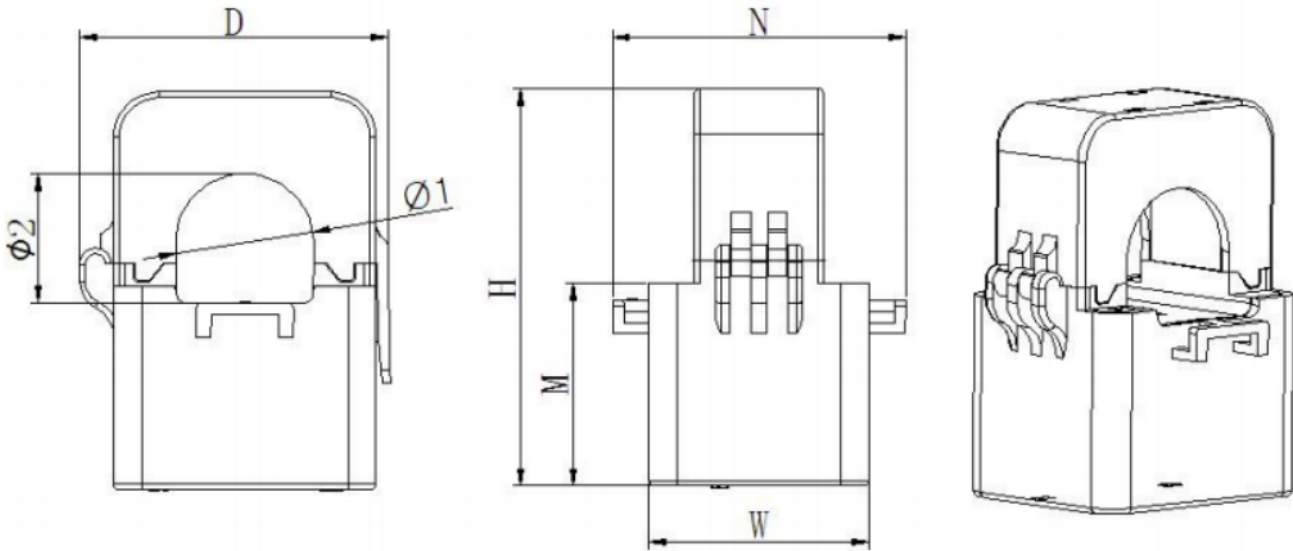


(1) Dimension of Downside Terminal Block of ADW210

0. Installation Dimension

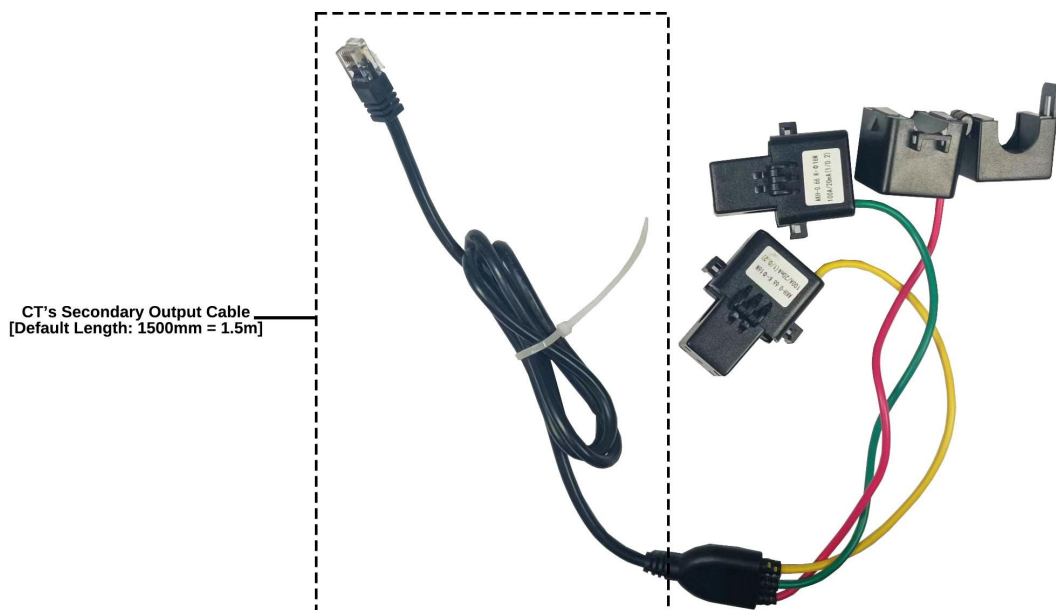
Dimension of necessary hardware including:

- (1) ADW210 3-phase Multi-circuit Energy Meter (Main Body & Terminal Block/PIN)
- (2) AKH-0.66/K K- xxN Series 3 in 1 Current Transformer (Main Body + Output Cable)



Current Transformer	Dimension(mm)					Perforation size (mm)		tolerance(mm)
	W	H	D	M	N	$\Phi 1$	$\Phi 2$	
AKH-0.66/K- \emptyset 10N	27	44	32	25	36	10	9	± 1
AKH-0.66/K- \emptyset 16N	31	50	36	27	42	16	17	
AKH-0.66/K- \emptyset 24N	39	71	46	36	52	24	23.5	
AKH-0.66/K- \emptyset 36N	42.5	82	58	40	56	33.5	35	

(2) Dimension of Main Body of AKH-0.66/K K- xxN Series



(2) Dimension of Secondary Output Cable of AKH-0.66/K K- Series

1. Wiring Illustration

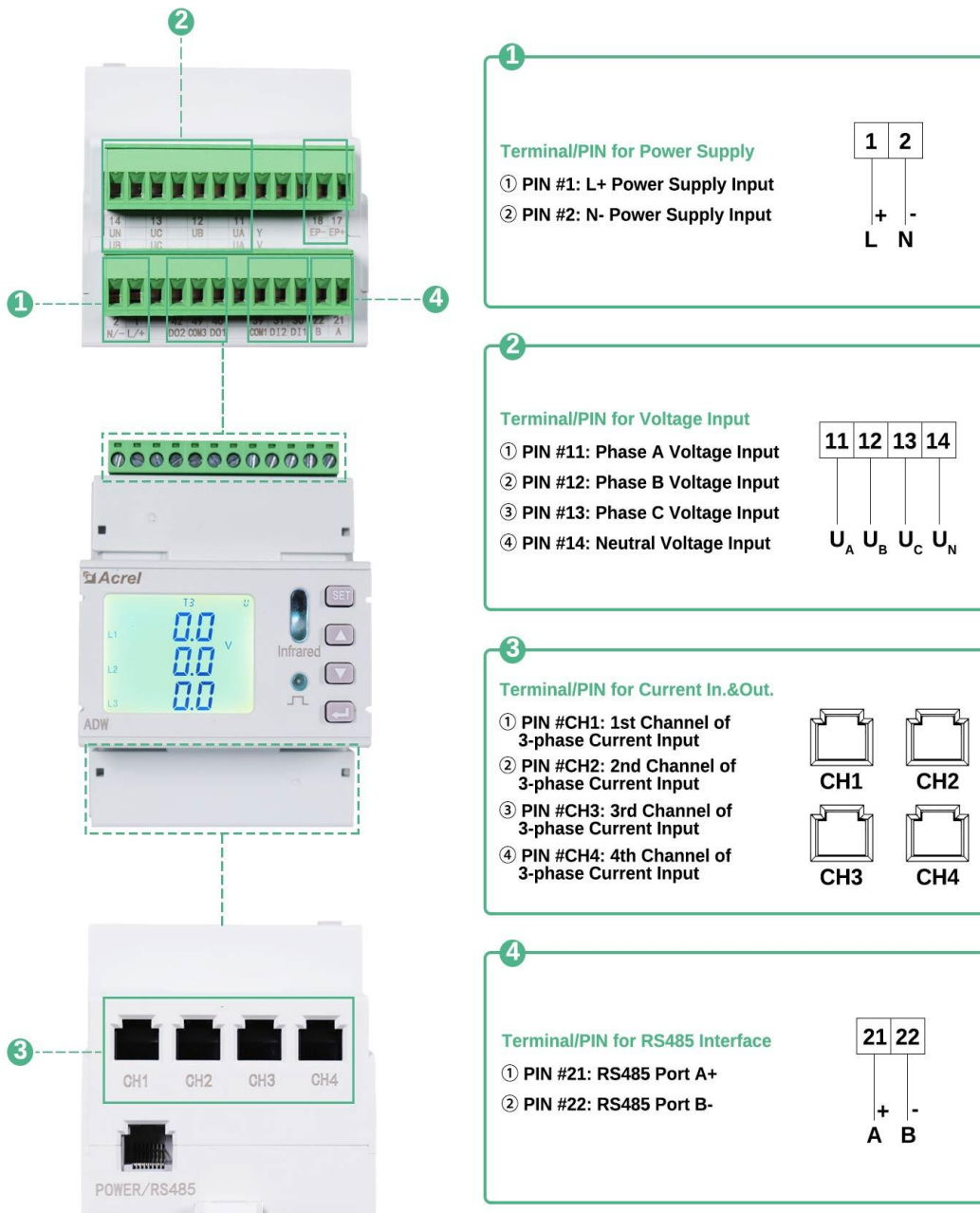
Only 3 parts of wiring was necessary for wiring of ADW210

(1) Voltage Signal Input Wiring of ADW210: Use PIN UA, UB, UC, UN on ADW210 for 3-phase voltage input respectively. [3-phase 4-wire wiring methods.]

(2) Current Signal Input Wiring of ADW210: Use PIN CH1, CH2, CH3, CH4 for 4 channels of 3-phase current input respectively [3-phase 4-wire wiring methods]

(3) Auxiliary Power Supply: For power supply of ADW210, use PIN 1,2 on ADW210, and be aware the volage level of auxiliary power supply must be within range of **85~265Vac/Vdc**.

Note #1: The installed direction (P1 P2) of CTs must be according to the actual **forward current/energy direction**.



Major PIN Overview of ADW210

1. Wiring Illustration

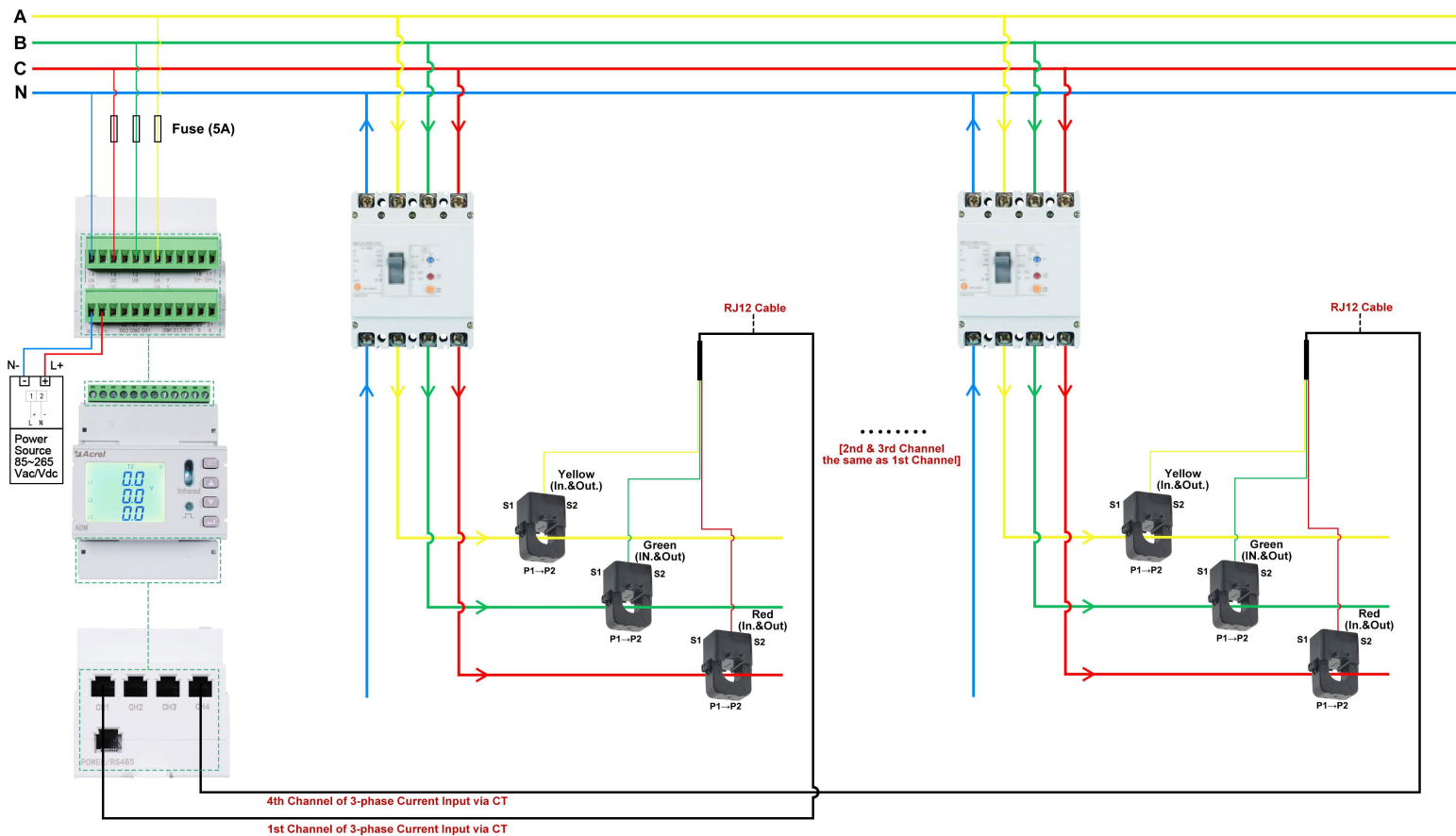
Only 3 parts of wiring was necessary for wiring of ADW210

(1) Voltage Signal Input Wiring of ADW210: Use PIN UA, UB, UC, UN on ADW210 for 3-phase voltage input respectively. [3-phase 4-wire wiring methods.]

(2) Current Signal Input Wiring of ADW210: Use PIN CH1, CH2, CH3, CH4 for 4 channels of 3-phase current input respectively [3-phase 4-wire wiring methods]

(3) Auxilliary Power Supply: For power supply of ADW210, use PIN 1,2 on ADW210, and be aware the volage level of auxilliary power supply must be within range of 85~265Vac/Vdc.

Note #1: The installed direction (P1 P2) of CTs must be according to the actual forward current/energy direction.



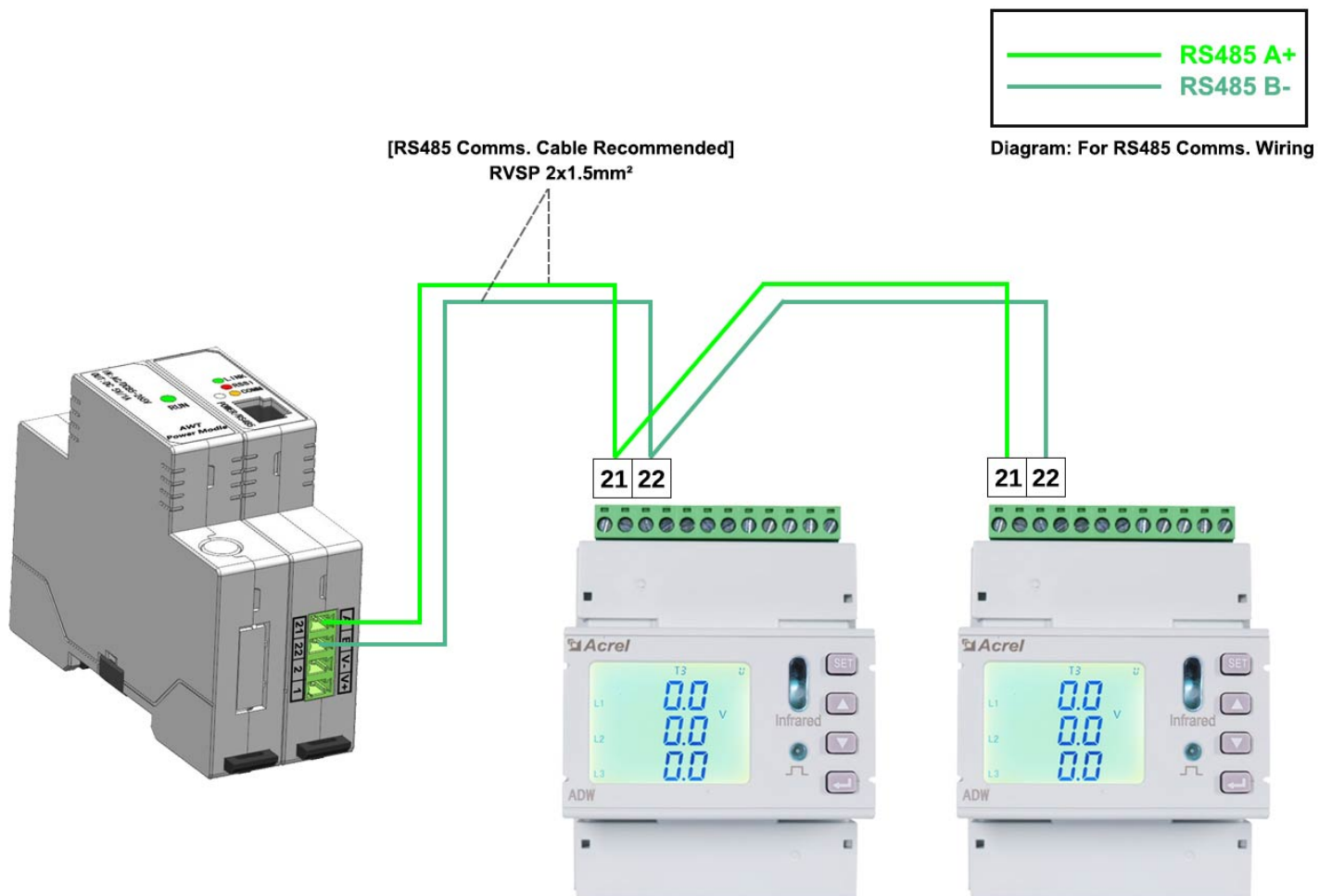
(1&2&3) Power Wiring of ADW210

1. Wiring Illustration

(4) RS485 Communication Wiring between ADW210 and upstream devices [Take AWT100 Series IoT Gateway for example]:

PIN 21 of AWT100-4GHW connected to PIN 21 of first ADW210 to PIN 21 of second ADW210 and to PIN 21 of last ADW210. [RS485 Port A+ to RS485 Port A+ to RS485 Port A+]

PIN 22 of AWT100-4GHW connected to PIN 22 of first ADW210 to PIN 22 of second ADW210 and to PIN 22 of last ADW210. [RS485 Port B- to RS485 Port B- to RS485 Port B-]



(4) RS485 Communication Wiring between ADW210&AWT100-4GHW