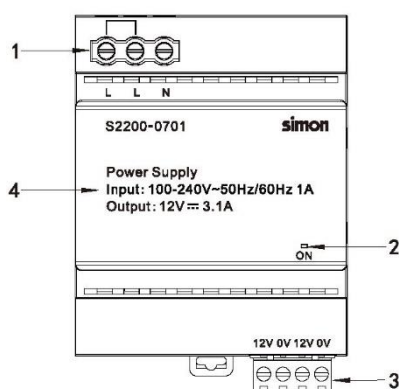


Power Supply Module

Features:

- Convert AC to DC and power the entire system
- Provide overload and short circuit protection

Profile



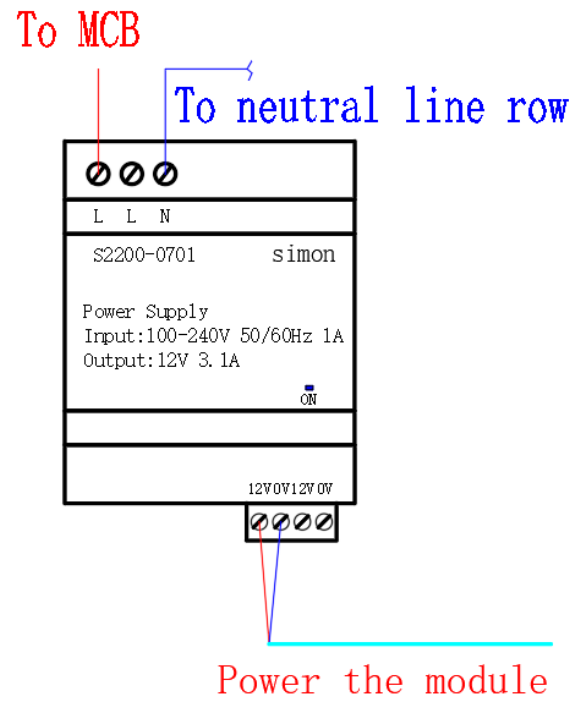
1	Load connection terminal	
2	Status indicator	Always ON – Working normally Flash – Overload or Short circuit
3	DC output terminal	12V,0V – Working Voltage
4	Identity of product parameters	

Code

Code	Description
S2200-0701	Power Supply Module(12VDC, 3.1A)

Technical Parameters

Code	S2200-0701
Application	Power Supply Module(12VDC, 3.1A)
Input Voltage	100-240V ~50Hz/60Hz
Output Voltage	12VDC 3.1A
Ambient Temperature	-10°C ~ 40°C
Ambient Humidity	≤ 90%RH (no condensation)
Altitude	≤2000m
Dimension(W*D*H)	72*90*66mm
Installation	35mm DIN-rail mounting

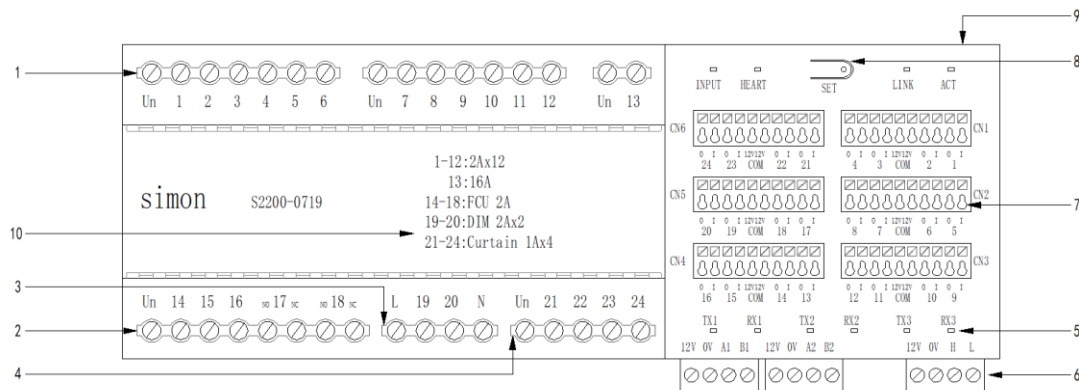
Wiring Diagram:

All-in-one integrated RCU module

Features:

- Gateway: Network configuration management, configuration information issuing, signal collection, report & logic controlling
Protocol conversion: TCP/IP, RS485 & SimCAN
- Digital I/O: 24-channel inputs can be connected to dry-contact device, 24-channel outputs can be connected to LED indicators
- Light/Curtain: ON/OFF status
- Triac dimming: Modify the brightness of lighting
- 2/4-tube AC: ON/OFF status Fan speed: L, M and H Mode: Cool/Heat
- Need Use with power supply module (S2200-0701)

Profile



1	Load connection interface	Un: Live line In 1-12: Live line Out(2A) 13: Live line Out(16A)
2	AC system connection interface	Un: Live line In 14-16(HIG/MID/LOW): To FCU fan motor 17-18(COOL/HEAT): To FCU valve
3	Triac dimming system connection interface	L: Live line In N: To neutral line 19-20: Live line Out(2A)
4	Curtain connection interface	Un: Live line In 21-24: Live line Out
5	Communication data indicator	TX1/TX2/TX3: RS485-1/RS485-2/CAN transmit indication RX1/ RX2/ RX3: RS485-1/RS485-2/CAN receive indication INPUT: Dry contact receive indication HEART: Heartbeat

Simon-BUS Technical Manual

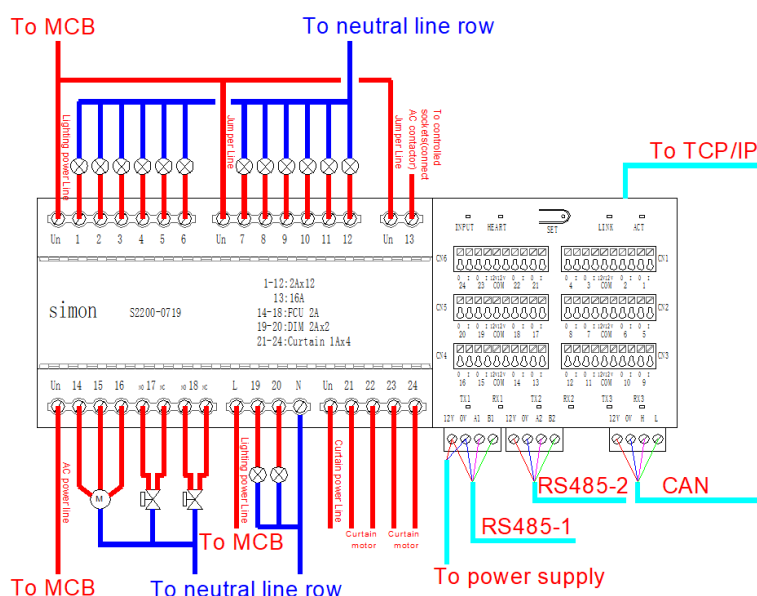
		LINK/ACT: Network communication indication
6	RS485-1 interface RS485-2 interface SimCAN interface	12V,0V: Working voltage A,B: Communication wire 12V,0V: Working voltage D+,D-: Communication wire
7	Week current interface	I: Input O: Common anode output
8	Programming button	Long press it, the indicator of HEART will be constant, then reset network settings by releasing the button
9	TCP/IP interface	
10	Identity of product parameters	

Code

Code	Description
S2200-0719	All-in-one integrated RCU module

Technical Parameters

Code	S2200-0719
Application	Hotel Room
Rated Voltage	12VDC±5%
Rated Current	100mA
Ambient Temperature	-10℃ ~ 45℃
Ambient Humidity	≤ 90%RH (no condensation)
Altitude	≤2000m
Dimension(W*D*H)	252*66*100.3mm
Installation	35mm DIN-rail mounting

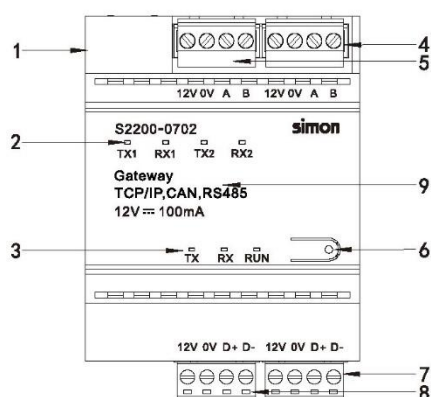


Intelligent Gateway Module

Features:

- Protocol conversion: TCP/IP, RS485 & SimCAN
- Network configuration management, configuration information issuing
- signal collection and report, logic controlling

Profile



1	TCP/IP interface	TX1/TX2: Transmit indication RX1/RX2: Receive indication
2	RS485 indicator	
3	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
4	RS485 interface	
5	RS485 interface	
6	Programming button	
7	SimCAN interface	12V,0V: Working voltage D+,D-: Communication wire
8	SimCAN interface	
9	Identity of product parameters	

Code

Code	Description
S2200-0702	Intelligent Gateway Module(TCP/IP-SimCAN/RS485)

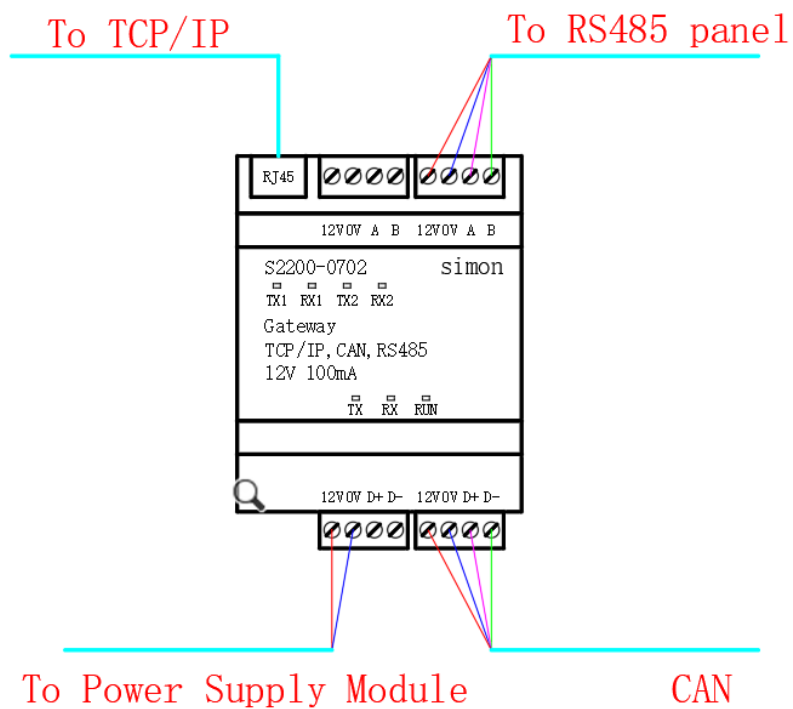
Technical Parameters

Code	S2200-0702
Application	Hotel Room

Simon-BUS Technical Manual

Rated Voltage	12VDC±5%
Rated Current	100mA
Ambient Temperature	-10℃ ~ 40℃
Ambient Humidity	≤ 90%RH (no condensation)
Altitude	≤2000m
Dimension(W*D*H)	72*90*66mm
Installation	35mm DIN-rail mounting

Wiring Diagram

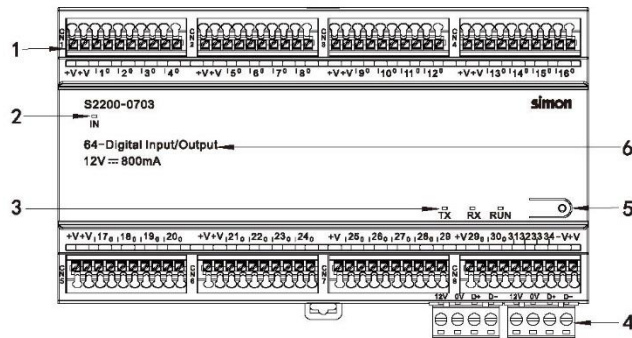


64-channel Input & Output Module

Features:

- 34-channel inputs can be connected to dry-contact device
- 30-channel outputs can be connected to indicators, doorbell etc

Profile



1	Week current interface	I: Input O: Common anode output
2	Input signal indicator	ON: Input signal is detected OFF: No input signal is detected
3	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
4	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
5	Programming button	
6	Identity of product parameters	

Code

Code	Description
S2200-0703	64-channel Input & Output Module(12VDC, 10mA)

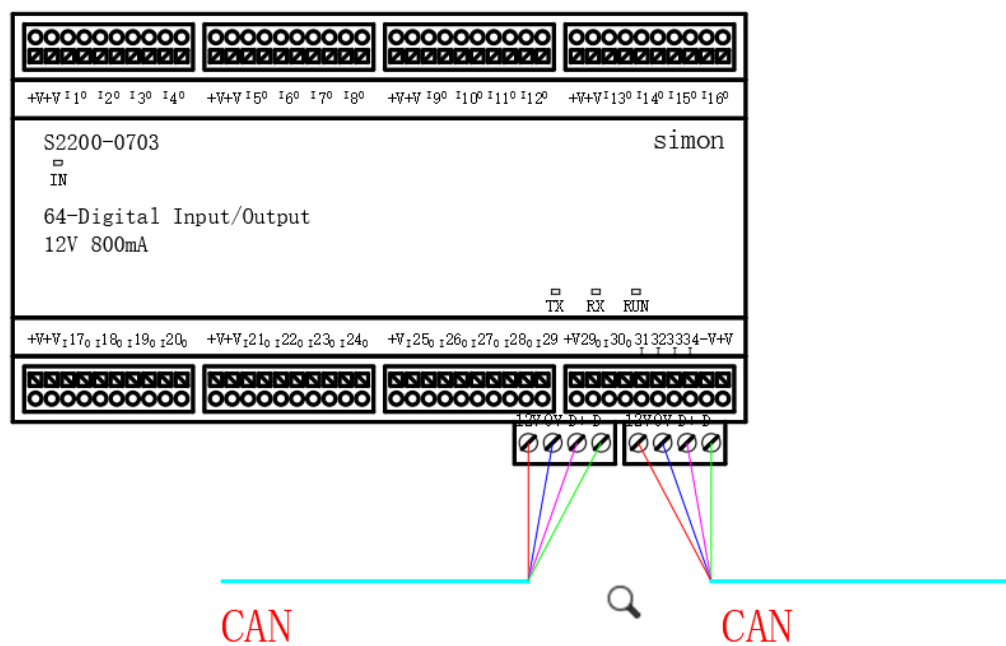
Technical Parameters

Code	S2200-0703
Application	Hotel Room
Rated Voltage	12VDC±5%
Rated Current	800mA
Weak Output Current	≤20mA
Ambient Temperature	-10℃ ~ 40℃
Ambient Humidity	≤ 90%RH (no condensation)

Simon-BUS Technical Manual

Altitude	≤2000m
Dimension(W*D*H)	162*68*100mm
Installation	35mm DIN-rail mounting

Wiring Diagram

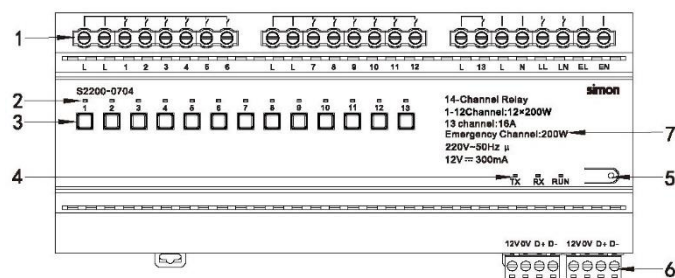


Relay Module

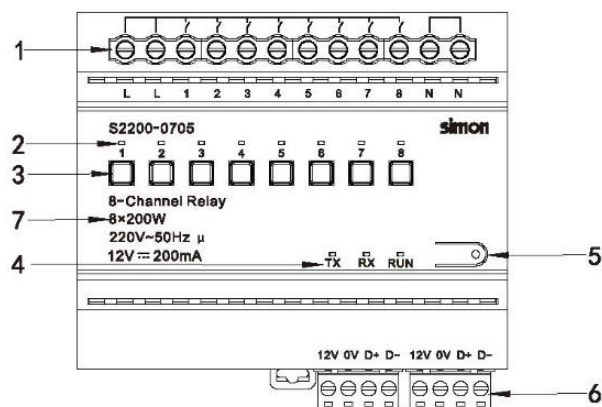
Features:

- For lighting and curtain motor control
- Support manual control
- For emergency circuit (only for 14-channel)

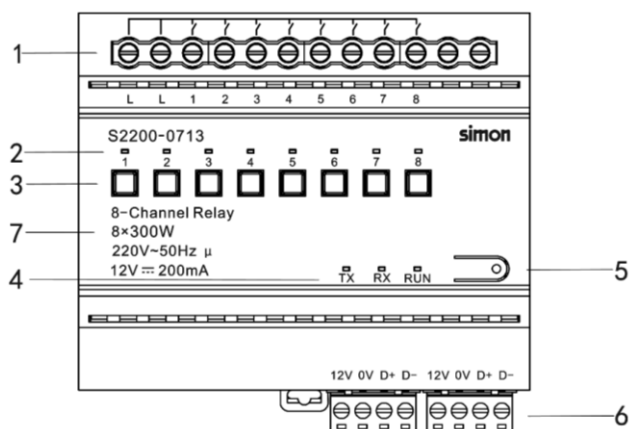
Profile



1	Load connection interface	L: To live line N: To neutral line 13: To controlled sockets EL,EN: Emergency power supply input LL,LN: emergency power supply output
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel
4	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
5	Programming button	
6	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
7	Identity of product parameters	



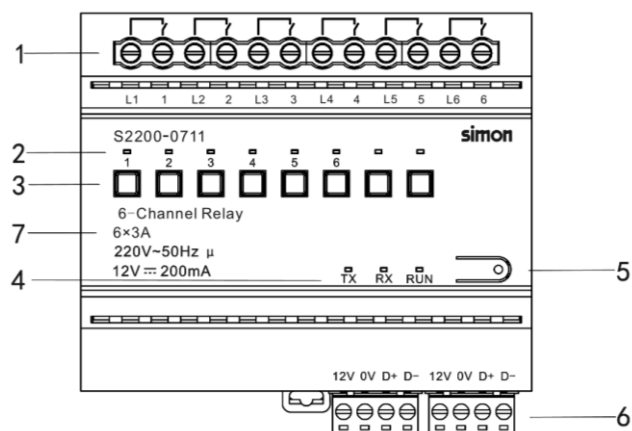
1	Load connection interface	L: To live line N: To neutral line
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel
4	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
5	Programming button	
6	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
7	Identity of product parameters	



1	Load connection interface	L: To live line N: To neutral line
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel
4	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
5	Programming button	

Simon-BUS Technical Manual

6	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
7	Identity of product parameters	



1	Load connection interface	L1-L6: Live line In 1-6: Live line Out
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel
4	Communication data indicator	TX: Transmit indication R X: Receive indication RUN: Working status
5	Programming button	
6	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
7	Identity of product parameters	

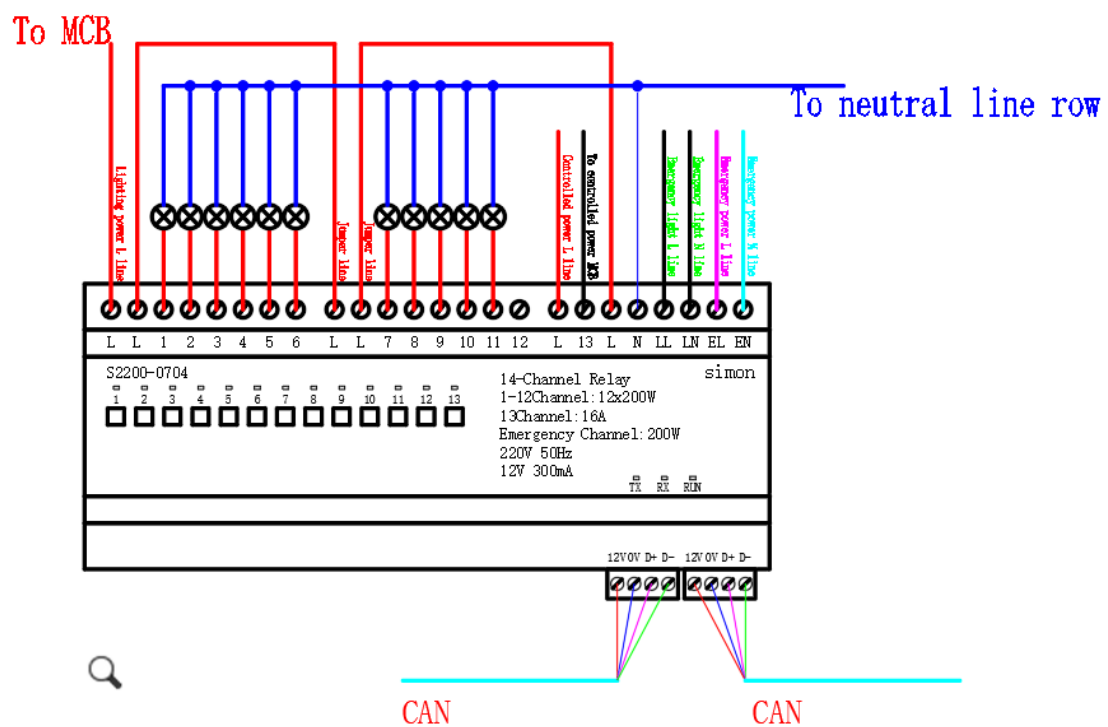
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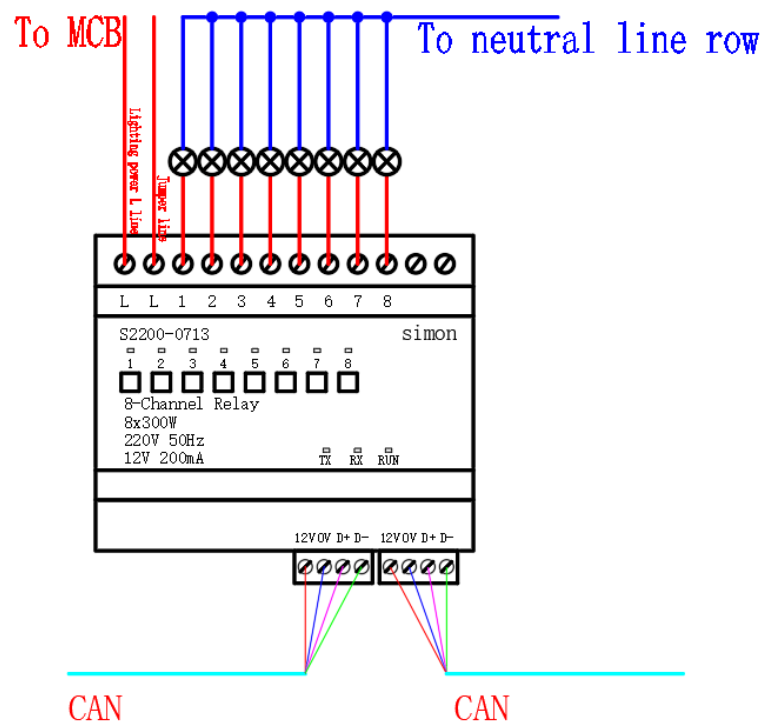
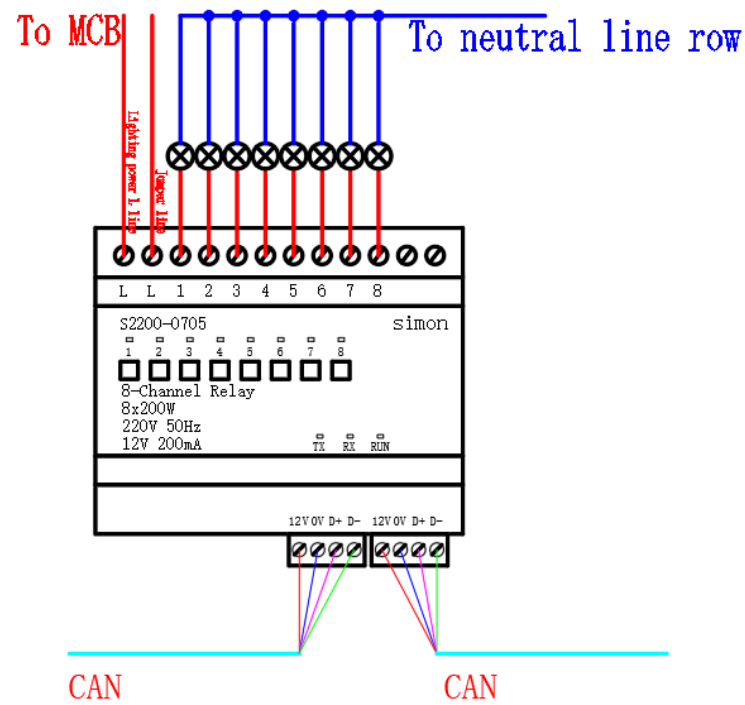
Code	Description
S2200-0704	14-channel Relay Module(13×200W, 1×16A, 220V~50Hz)
S2200-0705	8-channel Relay Module(8×200W, 220V~50Hz)
S2200-0713	8-channel Relay Module(8×300W,220V~50Hz)
S2200-0711	6-channel Relay Module(6×3A,220V~50Hz)

Technical Parameters

Code	S2200-0704	S2200-0705	S2200-0713	S2200-0711
Application	Hotel Room		Public Area	
Rated Voltage	12VDC±5%			
Rated Current	300mA	200mA		

Wiring Diagram



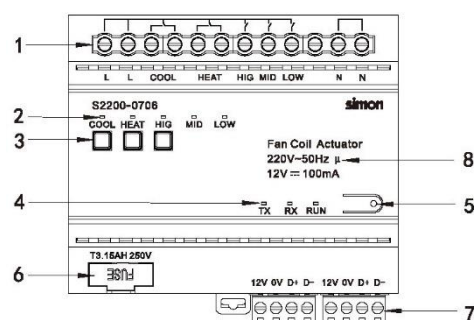


2/4-tube AC Module

Features:

- ON/OFF status
- Fan speed: L, M and H
- Mode: Cool/HeatZ

Profile



1	Load connection interface	L: To live line N: To neutral line COOL/HEAT: To FCU valve HIG/MID/LOW: To FCU fan motor
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	COOL/HEAT: Short press to turn ON or OFF channel HIG: Short press to switch speed
4	Communication data indicator	TX: Transmit indication R X: Receive indication RUN: Working status
5	Programming button	
6	FUSE change	
7	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
8	Identity of product parameters	

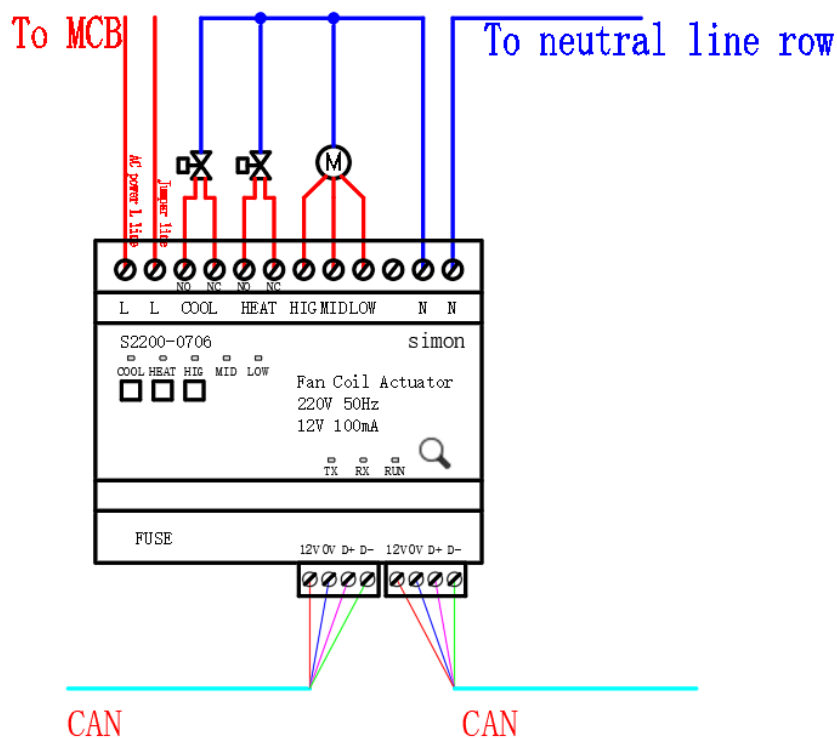
Code

Code	Description
S2200-0706	2/4 tube AC Module(2A, 220V~50Hz)

Technical Parameters

Code	S2200-0706
Application	Hotel Room
Rated Voltage	12VDC±5%
Rated Current	100mA
Ambient Temperature	-10℃ ~ 40℃
Ambient Humidity	≤ 90%RH (no condensation)
Altitude	≤2000m
Dimension(W*D*H)	108*68*100mm
Installation	35mm DIN-rail mounting

Wiring Diagram

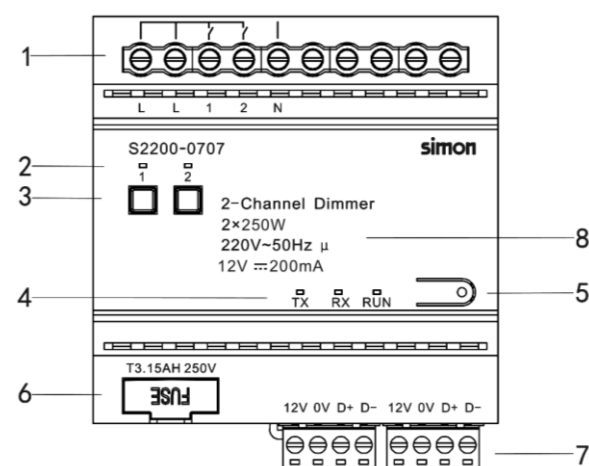


TRIAC Dimming Module

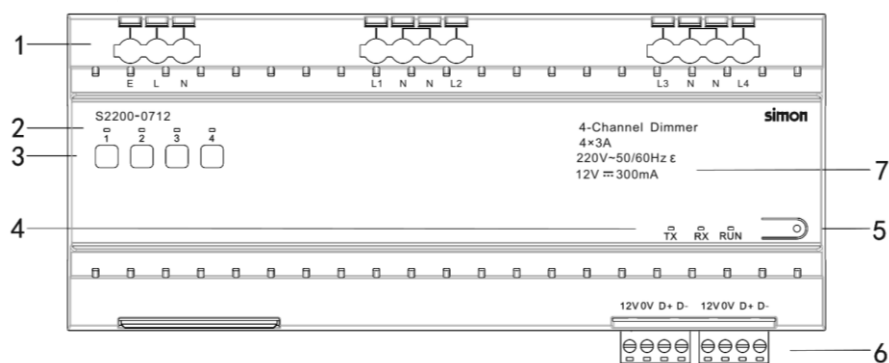
Features:

- Modify the brightness of lighting

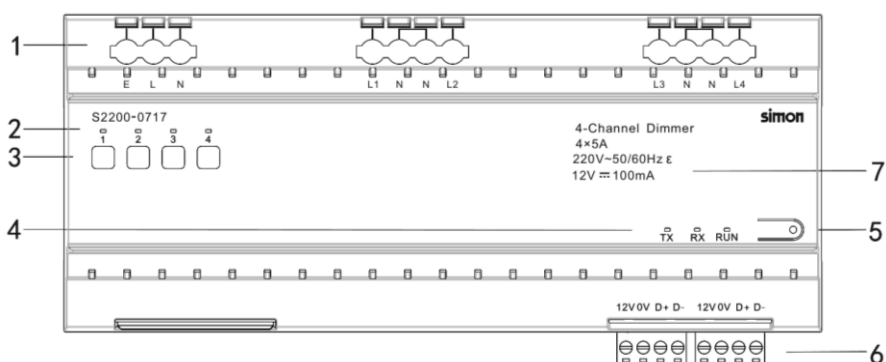
Profile



1	Load connection interface	L: Live line In N: To neutral line 1/2: Live line out
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel
4	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
5	Programming button	
6	FUSE cover	
7	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
8	Identity of product parameters	



1	Load connection interface	L: Live line In N: To neutral line E: To earth line L1-L4: Live line out
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel Long press to cyclic dim
4	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
5	Programming button	
6	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
7	Identity of product parameters	



1	Load connection interface	L: Live line In N: To neutral line E: To earth line L1-L4: Live line out
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel Long press to cyclic dim
4	Communication data indicator	TX: Transmit indication

		R X: Receive indication RUN: Working status
5	Programming button	
6	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
7	Identity of product parameters	

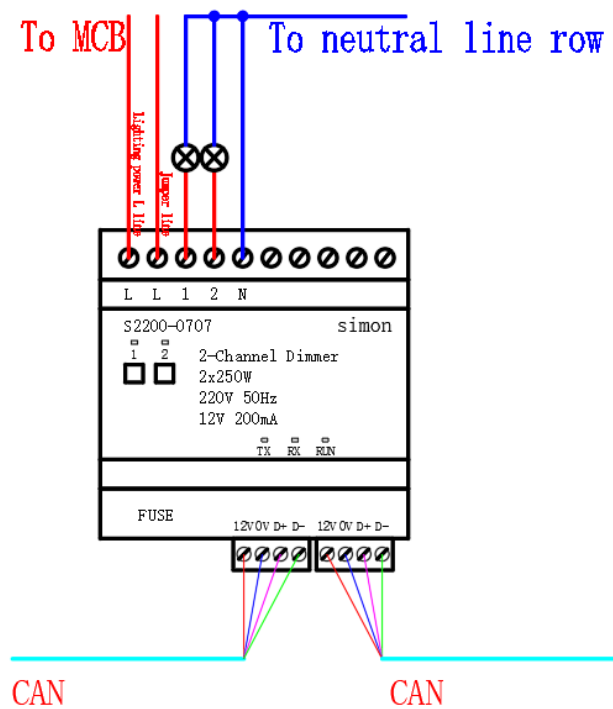
Code

Code	Description
S2200-0707	2-channel TRIAC Dimming Module(2×250W,220V~50/60Hz)
S2200-0712	4-channel TRIAC Dimming Module(4×3A,220V~50/60Hz)
S2200-0717	4-channel TRIAC Dimming Module(4×5A,220V~50/60Hz)

Technical Parameters

Code	S2200-0707	S2200-0712	S2200-0717
Application	Hotel Room	Public Area	
Rated Voltage	12VDC±5%		
Rated Current	200mA	100mA	
Load	2×250W	4×3A	4×5A
Ambient Temperature	-10℃ ~ 45℃		
Ambient Humidity	≤ 90%RH (no condensation)		
Altitude	≤2000m		
Dimension(W*D*H)	90*65.5*100.3	215.7*65.5*100.3	
Installation	35mm DIN-rail mounting		

Wiring Diagram

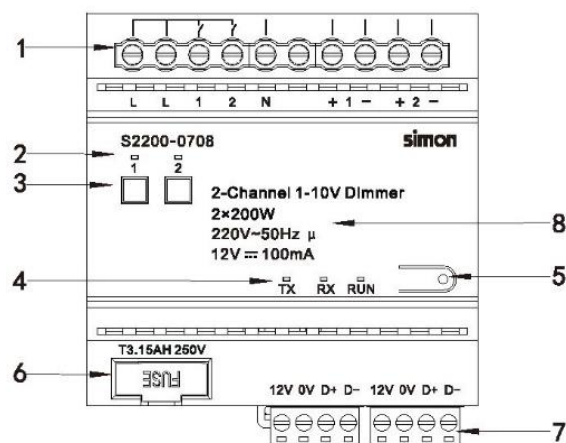


1-10V Dimming Module

Features:

- Modify the brightness of lighting

Profile



1	Load connection interface	L: Live line N: Neutral line 1/2: Live line out 1+, 1-, 2+, 2-: Control signal
2	Channel status indicator	ON: Channel ON OFF: Channel OFF
3	Manual control button	Short press to turn ON or OFF channel Long press to cyclic dim
4	Communication data indicator	TX: Transmit indication RX: Receive indication RUN: Working status
5	Programming button	
6	FUSE cover	
7	SimBUS interface	12V,0V: Working voltage D+,D-: Communication wire
8	Identity of product parameters	

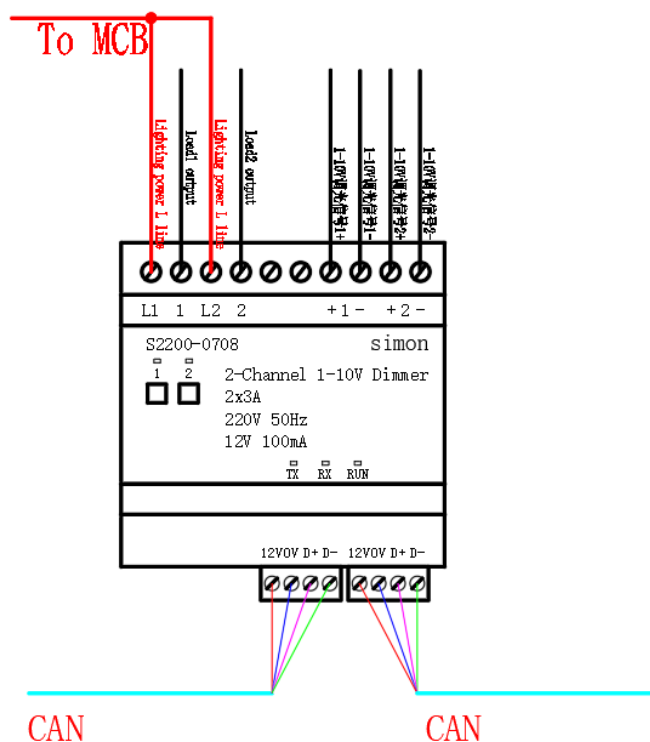
Code

Code	Description
S2200-0708	2-channel 1-10V Dimming Module(2×3A, 220V~50Hz)

Technical Parameters

Code	S2200-0708
Application	Hotel Room
Rated Voltage	12VDC $\pm$ 5%
Rated Current	100mA
Ambient Temperature	-10℃ ~ 40℃
Ambient Humidity	$\leq$ 90%RH (no condensation)
Altitude	$\leq$ 2000m
Dimension(W*D*H)	90*65.5*100.3mm
Installation	35mm DIN-rail mounting

Wiring Diagram

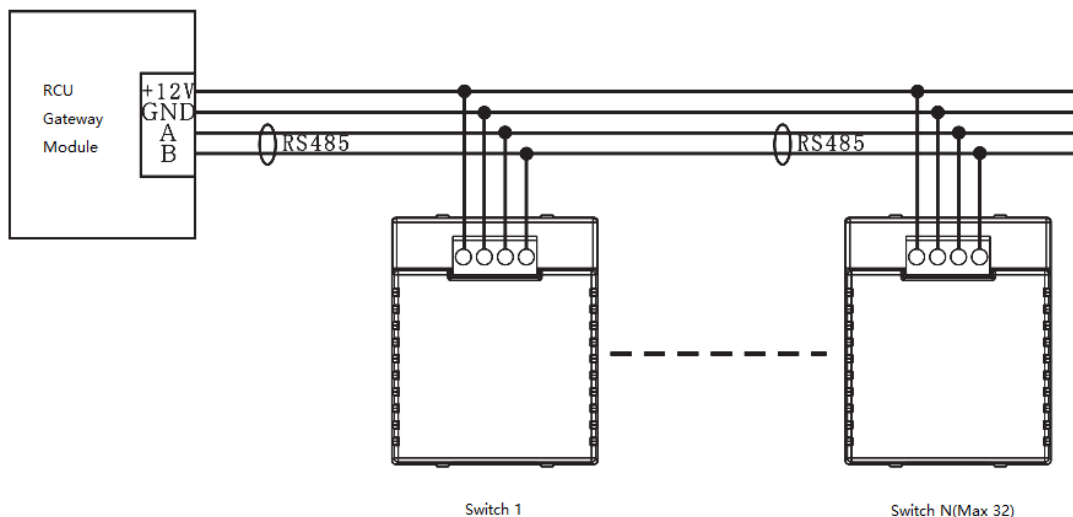


RS485 Switch

Features:

- Adopt RS485 to communicate with RCU, and realize the intelligent control of lightings

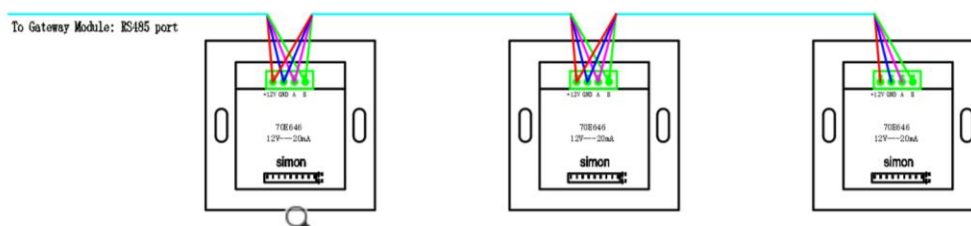
Profile



Technical Parameters

Application	Hotel Room
Rated Voltage	12VDC
Rated Current	<20mA
Communication	RS485
Ambient Temperature	-10℃ ~ 40℃
Ambient Humidity	≤ 90%RH (no condensation)
Altitude	≤2000m

Wiring Diagram



Communication Wire: RVSP-4*0.5 (4-core with shielded twisted pair cord)

Dry-Contact Switch

