

Product datasheet

Specifications



Network Automation Controller, C-Bus, SpaceLogic, 6DIN

5500NAC2

Main

Range	SpaceLogic C-Bus
product name	C-Bus Automation Controller
Product or component type	Logic controller

Complementary

Communication port protocol	C-Bus RJ45 (4000 devices) BACnet IP RJ45 (2000 devices) Modbus RTU terminal block RS485 (31 devices) IP (Internet Protocol) RJ45 Serial link terminal block RS232 Modbus TCP RJ45
[Us] rated supply voltage	24 V DC
Power consumption in W	2 W
LED indicator	LED (green/red) for power LED (green/red) for status indication LED (green) for relay output (REL) LED (multi-colour) for input status LED (multi-colour) for RS232 link activity LED (multi-colour) for serial link communication (RS485, RX, TX) LED (green) for C-Bus status LED (green/yellow) for Ethernet link
Port Ethernet	10BASE-T/100BASE-TX
Number of port	1 USB 2.0 type A 1 USB 1.1 type B 1 RS232 (serial link) 1 RS485 (Modbus) 2 RJ45 (C-Bus) 1 RJ45 (Ethernet)
Control type	Smartphone or tablet RESET push-button cold restart By web browser By touch panel Remote control Local control RESET push-button
Web services	Web server
Web server	BMS controller compatible
Function available	Updateable software Visualisation
Number of inputs	1 dry contact
Input impedance	2.2 kOhm closed 6.9 kOhm opened
Number of outputs	1 relay changeover

Output voltage	24 V DC 1 A for relay 48 V AC 1 A for relay
Connections - terminals	Power supply: screw terminal 3 cable(s) 1.5 mm ² LED lamp: screw terminal 2 cable(s) 1.5 mm ² Relay digital output: screw terminal 3 cable(s) 1.5 mm ² Digital input: screw terminal 2 cable(s) 1.5 mm ² RS232 link: screw terminal 3 cable(s) 1.5 mm ² RS485 link: screw terminal 5 cable(s) 1.5 mm ²
Mounting support	DIN rail
Total number of 18 mm modules	6
Height	108 mm
Width	93 mm
Depth	63 mm

Environment

Ambient air temperature for operation	-5...45 °C
Operating altitude	<= 2000 m
relative humidity	10...90 %
IP degree of protection	IP20
Standards	EN 55032: class A EN 50491-5-2: class B EN 55035

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.3 cm
Package 1 Width	6.3 cm
Package 1 Length	10.8 cm
Package 1 Weight	364.0 g
Unit Type of Package 2	CAR
Number of Units in Package 2	10
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4330.0 g
Unit Type of Package 3	P12
Number of Units in Package 3	240
Package 3 Height	95.0 cm
Package 3 Width	80.0 cm
Package 3 Length	120.0 cm
Package 3 Weight	108.0 kg

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 204

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Recycled metal content at CR level 0

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

China RoHS Regulation [China RoHS declaration](#)

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No