

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	Updatable software Visualisation
Number of inputs	1 dry contact
Input impedance	2.2 kOhm closed 6.9 kOhm opened
Number of outputs	1 relay changeover

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 mm² LED lamp: screw terminal 2 cable(s) 1.5 mm² Relay digital output: screw terminal 3 cable(s) 1.5 mm² Digital input: screw terminal 2 cable(s) 1.5 mm² RS232 link: screw terminal 3 cable(s) 1.5 mm² RS485 link: screw terminal 5 cable(s) 1.5 mm²
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

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	2 464 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 276 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.6 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	12
End of life manual availability	End of Life Information
Take-back	No