

# Product data sheet

## Characteristics

# 5500NAC

## C-Bus® Network Automation Controller, BACnet, Modbus, IP, 6M Din Mount, 24V DC



### Main

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

### Complementary

Communication port protocol	C-Bus RJ45 (2000 devices) BACnet IP RJ45 (500 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	Remote control Smartphone or tablet RESET push-button By touch panel By web browser RESET push-button cold restart Local control
Web services	Web server
Web server	BMS controller compatible
Function available	Visualisation Updateable software
Number of inputs	1 dry contact
Input impedance	2.2 kOhm closed 6.9 kOhm opened
Number of outputs	1 relay changeover

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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 <sup>2</sup> LED lamp: screw terminal 2 cable(s) 1.5 mm <sup>2</sup> Relay digital output: screw terminal 3 cable(s) 1.5 mm <sup>2</sup> Digital input: screw terminal 2 cable(s) 1.5 mm <sup>2</sup> RS232 link: screw terminal 3 cable(s) 1.5 mm <sup>2</sup> RS485 link: screw terminal 5 cable(s) 1.5 mm <sup>2</sup>
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	AS/NZS CISPR 22 EN 55022 class A

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.34 kg
Package 1 Height	100 mm
Package 1 width	115 mm
Package 1 Length	160 mm
Unit Type of Package 2	CAR
Number of Units in Package 2	8
Package 2 Weight	2720 g
Package 2 Height	206 mm
Package 2 width	228 mm
Package 2 Length	330 mm
Unit Type of Package 3	PAL
Number of Units in Package 3	128
Package 3 Weight	43520 g
Package 3 Height	974 mm
Package 3 width	800 mm
Package 3 Length	600 mm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>