

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)power: LED (green/red)status indication: LED (green)relay output (REL): LED (multi-colour)input status: LED (multi-colour)RS232 link activity: LED (multi-colour)serial link communication (RS485, RX, TX): LED (green)C-Bus status: LED (green/yellow)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
Output voltage	24 V DC 1 A for relay 48 V AC 1 A for relay






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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
Directives	2011/65/EU - RoHS directive 2002/96/EC - WEEE directive 1907/2006/EC - REACH directive
Standards	AS/NZS CISPR 22 EN 55022 class A

Offer Sustainability

EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information