

Product data sheet

Characteristics

5500SHAC

Wiser Automation Controller, C-Bus Control and Management System, RS232/485, Ethernet, Din Mount, 24V DC



Main

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

Complementary

Communication port protocol	C-Bus RJ45 (2000 devices) IP (Internet Protocol) RJ45 Serial link terminal block RS232 BACnet IP RJ45 (50 devices) Modbus RTU terminal block RS485 (6 devices) 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 Remote control RESET push-button Local control By touch panel By web browser RESET push-button cold restart
Web services	Web server
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
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 55022 class A AS/NZS CISPR 22

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 cm
Package 1 Width	11.5 cm
Package 1 Length	16.0 cm
Package 1 Weight	340.0 g
Unit Type of Package 2	PAL
Number of Units in Package 2	128
Package 2 Height	97.4 cm
Package 2 Width	80.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	43.52 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	8
Package 3 Height	20.6 cm
Package 3 Width	22.8 cm
Package 3 Length	33.0 cm
Package 3 Weight	2.72 kg

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information