Miniature Circuit Breaker SHELLY Pro 2CB C10

Gamintojas: **SHELLY** · Modelis: **Pro 2CB C10** · EAN: **3800238073985** · Prekės kodas: **926162**



106,90 €

Kaina su PVM

Be PVM: **88,35 €**

Sandėlyje

Prekė internetu
Nuskenuokite kodą arba apsilankykite www.shopro.lt







Aprašymas

SHELLY Pro 2CB C10 Circuit Breaker

Ensure the safety of your electrical system and gain greater control over its operation with the SHELLY Pro 2CB C10 smart circuit breaker. The device features a two-pole design (L+N), which allows for the simultaneous disconnection of the phase and neutral wires. It offers a rated current of 10 A, a C-type trip characteristic, and a short-circuit breaking capacity of 6 kA. It provides protection against overloads, short circuits, and abnormal voltages, and thanks to Wi-Fi, Bluetooth, and Ethernet connectivity, it allows for remote circuit management. The ability to monitor power parameters and create automation makes it ideal for use in residential electrical installations as well as in offices and commercial buildings.

Effective protection for electrical installations

The SHELLY Pro 2CB C10 uses a thermal-magnetic mechanism that automatically disconnects the circuit in the event of an overload or short circuit, reducing the risk of damage to the electrical system. Additional protection is provided by electronic safeguards against overvoltage and

undervoltage. You can configure the trigger thresholds and response delays yourself, tailoring the device’s operation to the needs of a specific circuit. The double-pole design allows for the simultaneous disconnection of the L and N wires, and a physical safety switch enables you to disable electronic control, including remote switching functions and voltage protection features implemented by the control unit.

Remote Control and Convenient Monitoring

You don’t need to be at the distribution panel to check the circuit breaker’s status or manage the protected circuit. Thanks to the Shelly Smart Control app and the built-in web interface, you can remotely disconnect the power supply, monitor voltage, and view the event history. The device also monitors its internal temperature, and voltage measurement accuracy is ±5%. Additionally, notifications for selected events are available, as well as data export in CSV and JSON formats, which facilitates installation diagnostics. Remote circuit re-engagement is possible only if the circuit was previously disconnected remotely—if the circuit is tripped or manually turned off, on-site intervention is required.

More possibilities through automation

Use the SHELLY Pro 2CB C10 as part of a smart installation and tailor the operation of a selected circuit to your daily needs. The device supports schedules, scripts, webhooks, and virtual components, allowing you to create complex automation scenarios. For example, you can program the circuit to turn off at specific times or configure it to respond to a signal from a compatible Shelly flood sensor. MQTT, HTTP, and WebSocket protocols are also available, facilitating integration with external automation systems. 2.4 GHz Wi-Fi, Bluetooth 4.2, and a wired RJ45 Ethernet port provide flexible communication options, while the BLE Gateway and Wi-Fi Range Extender features further expand the device’s applications. Basic local functions can operate without an additional control panel, while OTA updates allow for remote software updates.

Well-thought-out design and easy status monitoring

The switch is designed for DIN-rail mounting in an electrical panel. Its dimensions are 93 × 54 × 76 mm, and it weighs 335 g. The front panel features a manual lever, a reset button, a mechanical status indicator, and LEDs indicating network connection and software updates. A green mechanical indicator signifies that the circuit is open, while a red indicator signifies that it is closed, allowing you to quickly check the device’s status without using the app. A mechanical lifespan exceeding 20,000 cycles and an electrical lifespan of over 6,000 cycles ensure long-term operation. The model operates at temperatures ranging from -5°C to 40°C, and its power loss is 2.26 W.

Manufacturer	Shelly
Series	Shelly Pro CB
Model	Pro 2CB C10
Device Type	Smart Circuit Breaker (MCB)
Device Designation	SPCB-02VENEU
Number of Poles	2
Configuration	L+N
Rated Current	10 A
Trip Characteristic	C
Short-Circuit Breaking Capacity	6 kA
Supply Voltage	230 V AC, 50 Hz
Minimum Operating Voltage	160 V AC, 50 Hz
Insulation Voltage	500 V
Rated Impulse Withstand Voltage	4 kV
Energy Limitation Class	3

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

Standard	IEC 60898-1
Type of Overcurrent Protection	Thermal-magnetic
Overload Protection	Yes
Short-Circuit Protection	Yes
Overvoltage protection	Yes, electronic, configurable
Undervoltage protection	Yes, electronic, configurable
Voltage measurement	Yes, accuracy ±5%
Internal temperature measurement	Yes
Event history	Yes
Remote control	Yes
App	Shelly Smart Control
Connectivity	Wi-Fi, Bluetooth, Ethernet
Wi-Fi standard	IEEE 802.11 b/g/n
Wi-Fi band	2.4 GHz
Wi-Fi frequency	2412–2483 MHz
Wi-Fi transmission power	Less than 20 dBm
Wi-Fi range	Up to 30 m indoors, up to 50 m outdoors
Bluetooth version	4.2
Bluetooth Frequency	2402–2480 MHz
Bluetooth Transmission Power	Less than 4 dBm
Bluetooth Range	Up to 10 m indoors, up to 30 m outdoors
Ethernet Port	RJ45
Communication Protocols	MQTT, HTTP, WebSocket
Communication Encryption	TLS for incoming connections
Supported Features	Schedules, scripts, webhooks, virtual components, KVS, BLE Gateway, Wi-Fi Range Extender
Number of webhooks	Up to 20
Number of URLs per webhook	Up to 5
OTA updates	Yes
Data export	CSV, JSON via RPC
Processor	ESP32-D0WDQ6
Flash memory	8 MB
Electronics power consumption	Less than 3 W
Power loss	2.26 W
Remote switching frequency	Less than once per minute
Electrical endurance	Over 6,000 cycles
Mechanical endurance	Over 20,000 cycles
Maximum terminal tightening torque	2.5 Nm

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Maximum single-strand wire cross-section	6 mm²
Maximum multi-strand wire cross-section	25 mm²
Maximum flexible cable cross-sectional area	16 mm²
Cable stripping length	15 mm
Mounting method	DIN rail
Housing material	Plastic
Color	Light gray (RAL 7035)
Operating temperature	From -5°C to 40°C
Relative humidity	30–70% RH
Maximum operating altitude	2000 m above sea level
Environmental pollution class	2
Dimensions	93 × 54 × 76 mm
Weight	335 g

Information about data generation: https://dataact.innpro.pl/Shelly/3800238073985, GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf, PPWR: https://ppwr.innpro.pl/en/shelly, Gross weight: 370, Net weight: 330, Box length: 9,50, Box width: 8,00, Box height: 5,50

Techninė specifikacija

Matmenys ir svoris	
Matmenys (I × P × A)	9,00cm × 8,00cm × 5,00cm
Svoris	0,37kg