

RCP115

Remote control panel (15.6 inch)





Technical features

- Display: Capacitive touch screen, can be used in portrait and landscape format
- Mounting: Suitable for different installation situations, housing available as an accessory
- Customised panel construction: Reliable functions even behind glass or film surfaces

Intended use

The RCP115 is a 15.6-inch touch display with an integrated processor that can be operated independently. It is ideal for industrial applications and offers intuitive visualisation of system data.

In order to meet the requirements of the standards, customised parameter settings must be made on the equipment in order to adapt it to local equipment and operating conditions. Please heed the limits of the range of application indicated in the technical data.

Do not make any unauthorised changes to the device. Only use spare parts and optional accessories sold or recommended by the manufacturer.

Only use the manufacturer's original software. Updates may only be carried out by Bender Service or by appropriately trained personnel. Modifications or improper updates can lead to malfunctions and safety risks.

Cybersecurity recommendation: Do not allow settings to be changed via any remote interface.

Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

Intended use also includes

- the observation of all information in the manual and
- compliance with the test intervals in accordance with the relevant standards and operating rules.

Any other use than that described in this manual is regarded as improper.

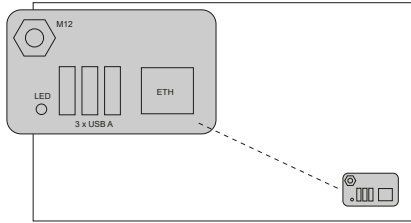
Functions and properties

The RCP115 can be connected to various web servers (HTML5). For this reason, the ARM-based HMI can be used flexibly with various Devices and Systems, regardless of the manufacturer.

- Show: Display of a web browser (comparable with Chrome, Edge or Firefox) for accessing web-based content
- Network: Ethernet connection for accessing websites and Visualisations
- Visualisation: Web-based display of system data - ideal for technical rooms, production areas or subdistributions
- Performance: Fast visualisation thanks to optimised system performance
- Integration: Simple system integration for industrial applications (switch cabinet door, flush and surface mounting, front panel and cavity wall installation)
- Compatibility: Can be used with the COMTRAXX® series for condition monitoring systems
- Display of web-based third-party systems

Connection

The connections are located on the back of the RCP115



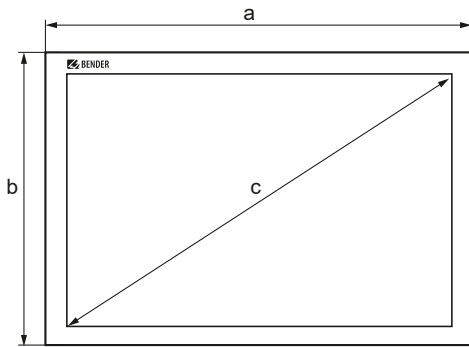
Element	Explanation
M12	Socket for supplied connection cable (M12)
LED	Status LED
3 x USB A	3 USB A ports (Mouse/keyboard connection)
ETH	Ethernet socket

Further Information

"Status LED"

Dimensions

Dimensional drawing



Glass thickness: 3 mm

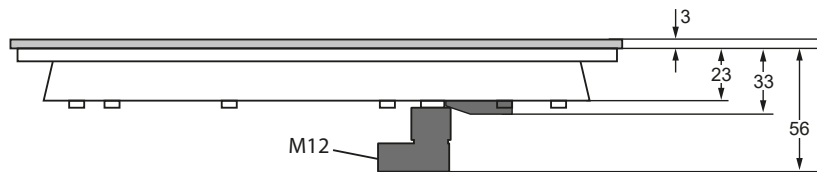
Device dimensions (mm) ±1

	a	b	c
RCP115	425.2	274.6	15.6 inch

Housing installation dimensions (mm) ±1

	a	b	Required installation depth
Door	393	242	56
Flush-mounted	398	250	98
Surface-mounted	431.5	280.5	---

Side view



Technical data

Insulation coordination according to IEC 60664-1

Rated voltage	50 V
Overvoltage category	OVERVOLTAGE CATEGORY II
Pollution degree	2
Rated impulse voltage	800 V

Supply

Nominal voltage	DC 24 V SELV
Nominal voltage tolerance	±15 %
Typical power consumption at DC 24 V	16 W
Maximum power consumption at DC 24 V	30 W
USB power supply	DC 5 V, 300 mA
Maximum cable length for Supply via B94053111 (24 V DC power supply unit 1.75 A):	< 3 m

Displays

Display/resolution	15.6" TFT touch display/1920 x 1080 pixels
Backlight	800 cd/m ²
Glass thickness	3 mm
Colours	24 bit RGB

Interfaces

Ethernet

Connection	RJ45
Line	≥ Cat. 5 Shielded, shield on both sides To PE
Cable length	< 100 m
Data rate	10/100/1000 Mbit/s, autodetect
DHCP	On/off (on)*
IP address	nnn.nnn.nnn.nnn
Netmask	nnn.nnn.nnn.nnn.nnn
Protocols	DHCP, NTP, DNS

USB

Amount	3
Operating mode	USB 2.0 host (5 V, 300 mA) High-speed host
Data rate	480 Mbit/s
Cable length	< 3 m
Connection type	USB 2 Standard-A

Used ports

53	DNS (UDP/TCP)
67, 68	DHCP (UDP)
80	HTTP (TCP)
123	NTP (UDP)
443	HTTPS (TCP)

Environment/EMC

EMC (CE immunity)	EN 61000-6-2
EMC (CE interference emission)	EN 61000-6-4
Operating temperature	0 ... +50 °C
Storage temperature	-30 ... +80 °C
Operating altitude	≤ 2000 m above sea level
Relative humidity	≤ 90 %

Others

Operating mode	Continuous operation
Installation position	Display orientated
Protection class front	IP65
Protection class housing	IP20
Protection class rear	IP20

Device dimensions (W x H x D)

274.59 x 425.16 x 36 mm

Device weight (device only)	3.84 kg
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() * = Factory setting

Order details
Device

Type	Scope of delivery	Art. No.
RCP115	<ul style="list-style-type: none"> • Clamping plates for installation in the switch cabinet door • 2 m power supply cable with M12 plug (open end) • Screws • Quick-start guide • Safety instructions 	B95062115

Accessories

Type	Scope of delivery	Note	Art. No.
Surface-mounted housing	<ul style="list-style-type: none"> • Enclosure • Screws • Quick-start guide • Safety instructions 		B95062910
Flush-mounted housing	<ul style="list-style-type: none"> • Enclosure • Screws • Cavity installation kit • Quick-start guide • Safety instructions 		B95062915
Suction lifter		Required to remove the display	B95061911
STEP-PS/1 AC/24 DC/1.75		External power supply unit	B94053111

Conformity

EU Declaration of Conformity

The EU Declaration of Conformity is available at the following Internet address:

https://www.bender.de/fileadmin/content/Products/CE/CEKO_RCP115.pdf

UKCA Declaration of Conformity

The UKCA Declaration of Conformity is available at the following Internet address:

https://www.bender.de/fileadmin/content/Products/UKCA/UKCA_RCP115.pdf



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Subject to change!
The specified standards take into account the
edition valid until 04.2026 unless otherwise
indicated.