



CAREL

boss micro panel

Plug&play monitoring
solutions with built-in
display for systems with up
to 30 devices

boss micro panel

Complete range of compact solutions for monitoring and optimising the performance of small and medium refrigeration and air conditioning systems.

- Built-in 7" display to monitor system status from a single access point
- Ready-to-install solution without requiring additional wiring and assembly operations

Simplified interaction

- **For installers**, the embedded Wi-Fi hotspot can be used to connect locally to the boss device for initial setup and other service activities, including from a PC or smartphone, without needing a monitor and without connecting to the customer's network infrastructure.
- **For end users**, who can access information on system status directly from the built-in 7" touch display based on their specific access level



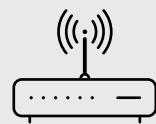
System under control

Continuous monitoring of the status of connected devices, available from the built-in display; local and remote alarm management and parameter settings.



Plug & play

Simplified wall mounting, configuration wizard and space available for the CAREL relay module.



Independent connection

The built-in 4G modem can be used to receive alarms (SMS/email/Telegram) without relying on the local network.

All the features of the boss family

boss-micro panel retains all the typical features of the boss family supervisors, as well as advanced functions such as generating and sending reports, real-time alarm notification, running scheduled actions, creating maps and implementing system optimisation logic.

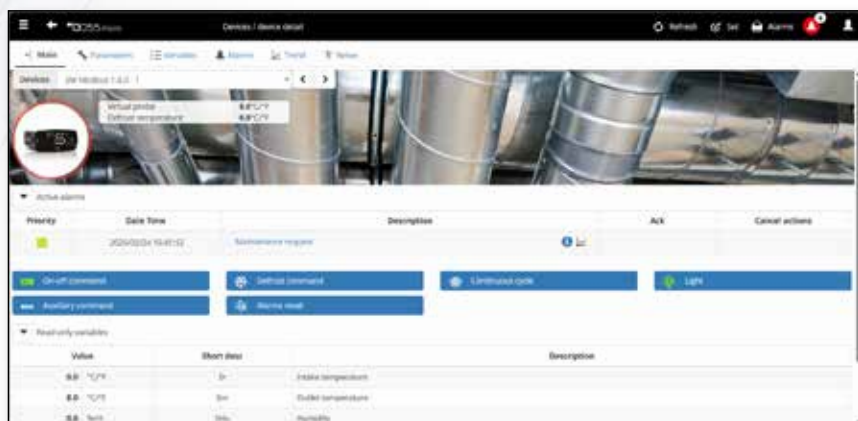
Overview of connected device status



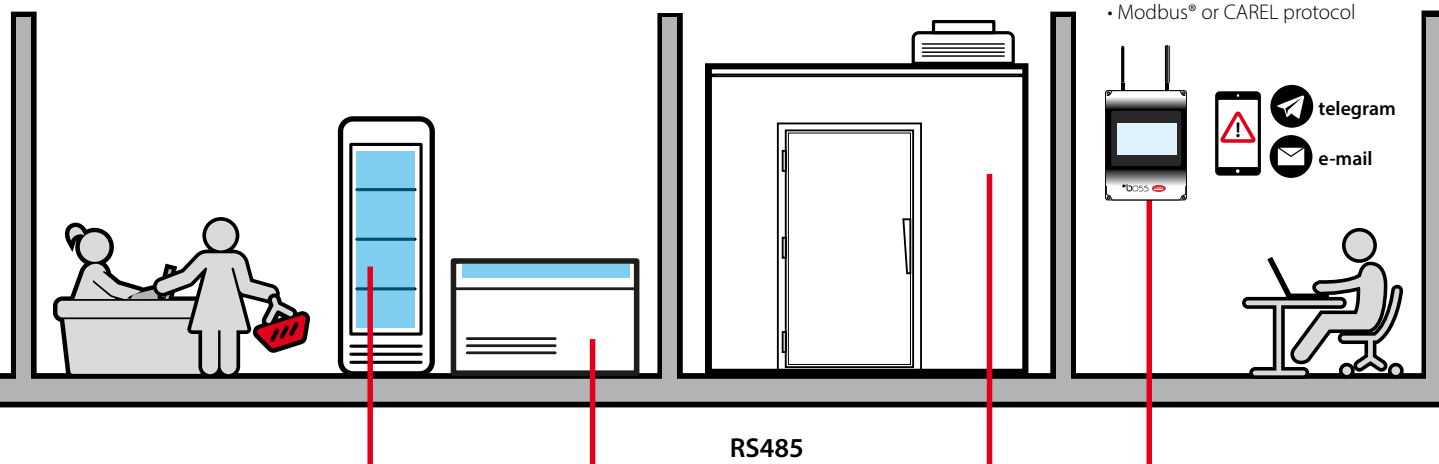
Intuitive graphs for system troubleshooting



Access to individual connected devices to set parameters and activate/deactivate functions via remote



Local system supervision



Part number table

Part number	Name	Supervisor hardware	Connectivity
BMBSTP7RP0	wired pocket	boss-micro (15 devices, 150 variables)	Ethernet
BMBSTP7FP0	Wi-Fi pocket		Ethernet, Wi-Fi
BMBSTP7MP0	Wi-Fi & 4G pocket (available shortly)		Ethernet, Wi-Fi, 4G
BMBSEP7RP0	wired enhanced	boss-micro-enhanced (30 devices, 300 variables)	Ethernet
BMBSEP7FP0	Wi-Fi enhanced		Ethernet, Wi-Fi
BMBSEP7MP0	Wi-Fi & 4G enhanced (available shortly)		Ethernet, Wi-Fi, 4G

Technical specifications

Operating conditions	5 to 40 °C
Storage conditions	-30 to 70 °C
Power supply	230 V, 50/60 Hz
Frame dimensions (mm)	220x300x120 (WxHxD)
Weight (kg)	3
Material	technopolymer
Ingress protection	IP55
Protocols	Modbus® and CAREL
Built-in display	7" touch
Relay module included	no
USB ports	yes
Residual-current	circuit breaker



Designed for installers

Scan the QR code to access technical support documentation and tutorial videos.

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