

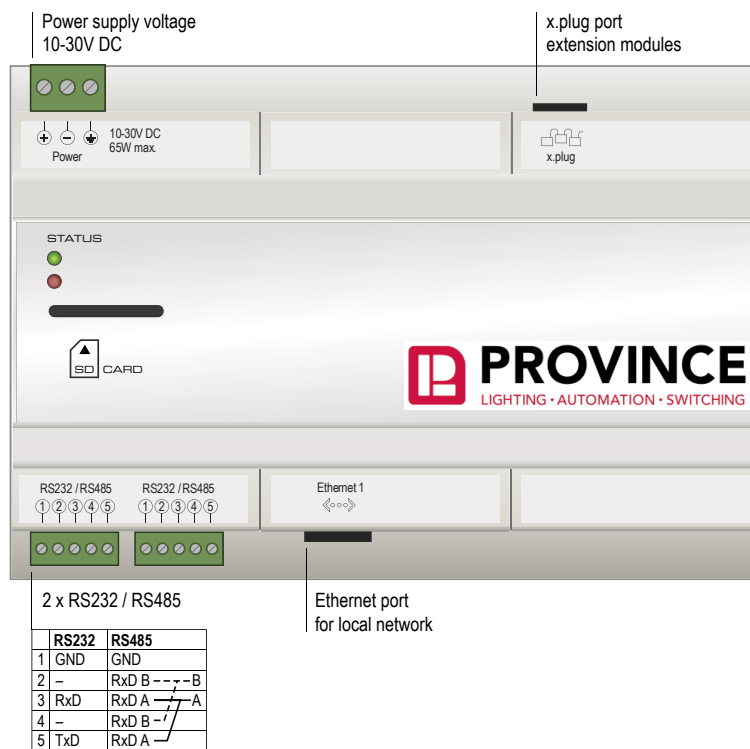
System.controller

The Province.controller is the central control unit for your building.

The integrated x.plugin supports extension modules for switches, frequency-counters, temperature sensors as well as lights, blinds, HVAC and more.

Simple control via mobile devices like the iPhone, iPad and android devices (x.live) as well as from a web browser (x.web).

In bigger buildings multiple controllers can be networked to obtain redundancy and can be integrated into the building management system (Province.bms) with a whole range of functionalities.



Highlights:

- based on Province.system – The operating system for intelligent buildings
 - x.plugin – extension plug for I/O modules with auto assignment and power supply
 - data logging on SD card (option)
 - runs with only 3W power consumption (without extensions)
 - Add-on's – expandable via next.store
- www.provincelighting.co.za

automate your world.

Interfaces	
COM-port	2x RS232/RS485 (function and RS485 termination configurable via software next.manager) Connection via 5-pin screw terminal
Ethernet	1x 10/100Mbit Ethernet, separate Connection via RJ45 plug
x.plug	1x x.plug with integrated power supply 24V/1A for extension modules Connection via RJ12 plug
Features	
Operating system	next.system
Configuration software	next.manager (live configuration)
SD card slot	for data logging on SD card (SDHC) with max. 32GB (not included in delivery)
Status LEDs	Operation and Error
Power supply	10-30VDC (not included in delivery) – 65W
Power consumption	about 3W, with extensions and bus systems up to 65W on full load
Casing	din rail mount (35mm, DIM EN 60175) protection class IP20 dimensions: 160 x 110 x 62mm (9HP)
Weight	380g (excl. packing)
Packing	dimensions : 240 x 140 x 100mm
Environmental conditions	ambient temperature: 0-45 °C air humidity: 30%-80%, non-condensing (operation and bearing)
Basic Functions	
Shading / motorized	blinds, roller shutter, sunblind, curtain, window and screen
Lighting	lights, dimmable lights, RGB light control
HVAC	heating and cooling
Timed functions	timer, scheduler, calendar
Macro's	scenes and sequences
Visualization	x.live for iOS (iPhone, iPad) and android devices x.web for direct access via web browser IP camera
System nodes	autostart, NTP, WakeOnLan
Messaging	notification in visualization software (x.live, x.web) email and RSS service
Add-on's *	
Bus-licenses	KNX, DALI, M-Bus, EnOcean (via external gateways) MODBUS, BACnet/IP
Access control	eKey-Fingerprint, RFID reader VoIP/SIP-Sever for door communication presence simulation alarm system
Multimedia	SONOS player integration Infrared transeiver
Weather station	windalarm, rainalarm, shading control
More Add-on's	Energy management with photovoltaic system Datalogging via SD card Logic components and scripting language

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