yellobrik® RCT 1012

yellobrik Rack Controller

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Features

- One slot yellobrik module
- Controls up to 12 yellobriks
- 12x USB A ports for yellobrik connection
- 4x GPI connections for monitoring power supply status of RFR 1200
- 1x Ethernet 10/100/1000
- 1x Reset button for changing the settings to default values
- 1x mini USB for maintenance
- Status LED for power, overcurrent, and high temperature warning
- LynxCentraal compatible to access module settings and status

Description

The RCT 1012 is a compact one slot yellobrik module designed to combine the control of up to 12 yellobrik modules to an ethernet port. It is a one-stop solution for the management and control of several yellobriks in an easy, fast, and efficient manner without requiring an individual connection to each module for setting parameters or updating the firmware. All connected yellobrik modules are visible on the network remotely.

RCT 1012 automatically discovers the connected yellobrik modules and displays them in the device tree below the controller node. It allows bulk firmware updates of all the selected yellobrik modules and facilitates the configuration of all the connected yellobriks via the IP network.

RCT 1012, when mounted on an RFR 1200 rack frame, will provide status information of the primary and redundant power supply via 4 GPI contacts.

Technical Specifications

Network	10/100/1000 Ethernet (RJ-45)
USB	12x USB Type A 1x mini USB type B
GPI	Connector: RJ45 with 4x External GPI inputs GPI 1 to GPI 4: monitor GPI via LynxCentraal (example: connect to GPI terminals of rack frame to monitor status of power supplies)
Power	+12V DC @ 4 W nominal - (supports 7 - 24V DC input range)
Physical	Size: 108 mm x 90mm x 22mm (4.25" x 3.54" x 0.86") including connectors Weight: 125g (4.4oz)
Ambient	5 - 40ºC (41 - 104ºF) 90% Humidity (non condensing)
Model #	RCT 1012- (EAN# 4250479326675)
Includes	Module, AC power supply, 1 USB Cable Type B for service and updates, 5 USB cables Type B to connect to yellobriks

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RCT 1012

Monitoring, Automation and Centralization

yellobrik Rack Controller Module

The yellobrik Rack Controller RCT1012 is a node module to monitor and update up to 12 yellobriks centrally via ethernet instead of individual USB connections.

The module also offers four GPI interfaces to monitor the GPI output of other devices (example: the RFR 1200 power supply status).

yellobrik Server Module

The yellobrik server SRV 1000 adds functions like AutoControl, CustomControl, Mass Backup & Restore and more to a yellobrik system.

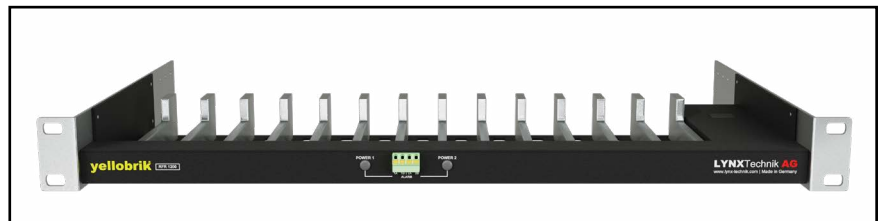These additional features can only be accessed via LynxCentraal.

Optional Accessories

Rack Frames

This yellobrik should be placed in a rack frame along others to monitor and control increasingly complex systems via a PC or MAC using LynxCentraal.

The RFR 1200 offers additional power redundancy with GPI alert. It automatically closes a connection between the A and B terminals on power failure.

The RPS A100 is a 100W power supply, which can be mounted at the rear end of the RFR 1200 with an RXT 1001 power supply holder for rack frames.

RFR 1200: yellobrik Rack Frame

RPS A100: 100W Power supply

RXT 1001: Power Supply Holder

Power Adapter Options

The power requirements of this yellobrik allow for the usage of P-Tap or XLR connection based power sources.

Note: This does not replace the included power supply.

P-TAP 1000
Use with a standard battery P-TAP power source.

XLR 1000
Use with a standard 4 pin XLR camera battery power source.

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