

yellobrik Rack Controller

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

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 1000-1 rack frame, will provide status information of the primary and redundant power supply via 4 GPI contacts.

Rack Frame Options

OPTIONAL rack mount solutions are available.



RFR 1000-1

Rack frame with redundant power supply options.



Technical Specifications

Network	10/100/1000 Ethernet (RJ-45)
USB	12x USB Type A 1 x mini USB type B
GPI	Connector: RJ45 with 4x External GPI inputs GPI 1 to GPI 4: used for monitoring RFR 1000 primary and redundant power supplies
Power	+12VDC @ 4 W nominal - (supports 7 - 24VDC 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 - 40°C (41 - 104°F) 90% Humidity (non condensing)
Model #	RCT 1012- (EAN# 4250479326675)
Includes	Module, AC power supply

Note: When connected to mini USB type B, all other connections including USB Type A and network will be disabled. Care must be taken to avoid any undesirable loss of network and yellobrik connectivity for remote monitoring.

Compatible Yellobriks

LynxTechnik is continuously adding new modules to the yellobrik portfolio so please check the website regularly for the updated list of supported yellobrik modules. RCT 1012 supports the following yellobriks:

CDH 1813	CHD 1802-1	CHD 1812-1
ORX 1702-1 LC	ORX 1702-1 MM	CGS 1441
ORX 1702-1 ST	OSW 1022	ORX 1702-1 SC
OTX 1712-2 MM	OTX 1712-2 SC	OTX 1712-2 LC
PDM 1284 B	PDM 1284 D	OTX 1712-2 ST
PMV 1841	PVD 1800	PDM 1383

Rev 1.2 Specifications subject to change