

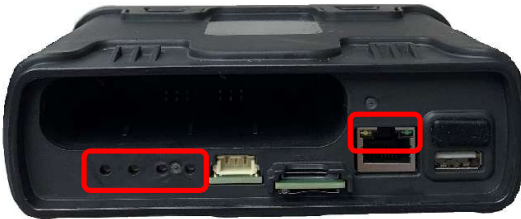
RCU – Status detection by LED lights

Bosch Rexroth RCU

with front cover



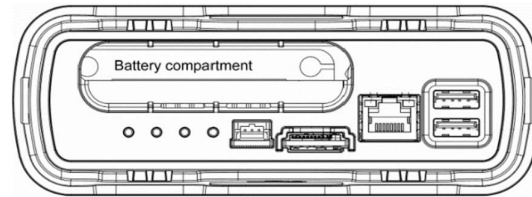
without front cover



Radio
PWR
STATE
GPS

Ethernet:
Yellow
Green





[source: NEVONEX]



[source: Rexroth]



There are 6 LEDs in sum. 4 LEDs for different states (radio, power, state, GPS) and 2 LEDs for the Ethernet RJ45 connector.

Radio, Power, State, GPS

LED	Name	Module	Pattern
	Radio	GSM	OFF: GSM inactive SLOW BLINKING (LED ON TIME < OFF TIME): Searching for network SLOW BLINKING (LED ON TIME > OFF TIME): Connected, but idle FAST BLINKING (LED ON TIME = OFF TIME): Connected, and transferring data ALWAYS ON: Voice Call (not used)
	PWR	POWER	OFF: Device is in Boot-UP or Shutdown, depending on Terminal 15 state. ON: Core system has booted and essential applications have been started. Start of system services has been triggered.
	STATE	n/a	currently only used to indicate unconfigured gateway with default configuration and default password.
	GPS	GNNS	OFF: No gps coverage or no fix yet ONE PULSE PER SECOND: valid gps fix

GNNS/GPS: The actual term for all satellite navigation systems is GNSS - Global Navigation Satellite Systems. Over time, GPS – Global Positioning System - has become a synonym for this technology.

Ethernet

LED	RCU State	LED
	OFF	OFF
	Ethernet 100Mbps	ON
	OFF	OFF
	Link OK	ON
	Activity	ON (blinking)