



LRC6201

Lighting Radio Controller

Overview

The Becker Avionics LRC6201 is a rugged, reliable radio-activated airport lighting controller, based on the Becker Avionics AR6201 transceiver and a programmable interface with three different control outputs.

Pressing the PTT switch for a preset number of times within 3-5 seconds will activate the corresponding lighting control output for a preset time period. Repeating the operation will reset the timer, starting another period.

Remote airfield lighting radio controller:

Based on the Becker Avionics AR6201 VHF transceiver, the LRC6201 is an aeronautical radio receiver which can, without any additional facilities, remotely, comfortably and securely activate lighting on a helicopter landing pad.

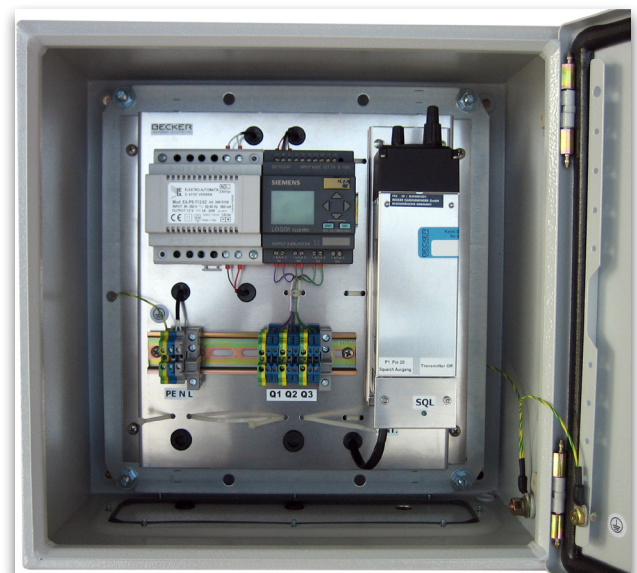
According to ICAO recommendation, activation is by a simple, short press on the transmit key. It is possible, by 3, 5 or 7 impulses within 5 seconds, to obtain three different levels.

With the timer set, the illumination is deactivated after 15 minutes. With each subsequent command, the timer is reset for a further 15 minute interval.

The integrated LRX6201 remote receiver is operational on frequencies specified. A subsequent change of frequency poses no difficulty as this can be done locally without the need of costly and time-consuming workshop visits. Airfield availability is therefore maximized.

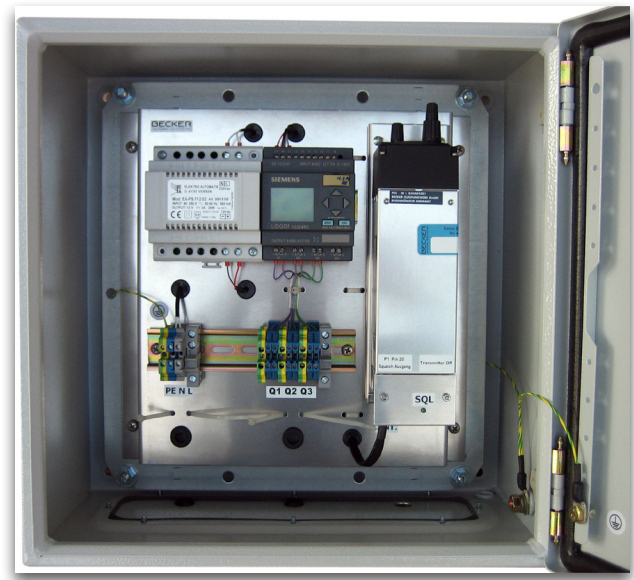
Features

- Frequency range: 118.000...36.990 MHz
- Sensitivity: ≤ -101 dBm for (S+N/N) ratio of 6 dB
- Built-in power supply
- Supply voltages: 120/230 VAC, 12 VDC (optional)
- NEMA-rated heavy-duty enclosure available
- Antenna, cable and connectors available

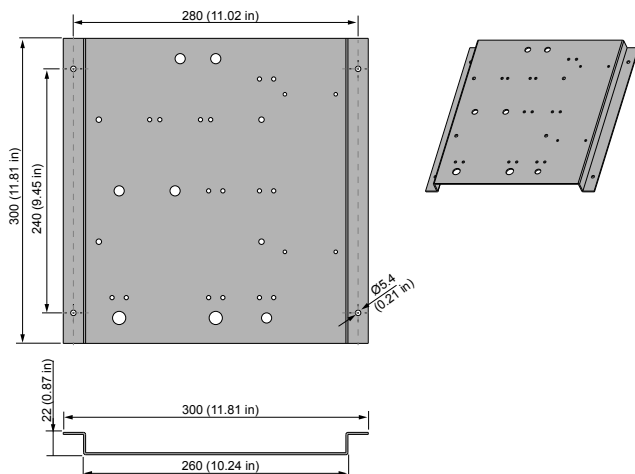


Technical Data

LRC6201	Specification
Operating voltage	120/230 VAC, 12 VDC (optional)
Current consumption	≤ 140 mA @ 12 VDC (receive standby)
Frequency range	118.000...136.990 MHz
Channel spacing	8.33 / 25 kHz
Sensitivity	≤ -101 dBm for (S+N/N) ratio of 6 dB
Output	3 floating relay contacts, max. 10 A with resistive load
Antenna connection	BNC jack on the LRX6201 VHF receiver
Dimensions HxWxD	on request
Weight	on request
Installation	The remote receiver is mounted on a base plate 300x300 mm and can be placed in an existing control cabinet or in a separate small control cabinet



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Base plate 300x300 mm