

Logica Connect LGFM Control Unit

emergency



LGFM

SPREAD SPECTRUM

256 DEVICES

IP20

+50°C
0°C

GSM

LOCAL

GPRS



Radio control unit for emergency luminaires of the Logica LGFM series with radio control of the luminaires and integrated WiFi for remote management from the Beghelli NuBe Cloud.



The LGFM system allows great flexibility during installation thanks to the radio system that connects the control unit to the luminaires and the luminaires between them without having to add a wired data transmission system. Secure radio transmission with a mesh communication network, where each luminaire acts as a repeater for the next luminaire

Applications

Industry, services

Characteristics

Power supply 230VAC $\pm 10\%$, 50÷60Hz

Mounting 4 DIN rail modules

Equipment Relay output

Managed luminaires

Up to 256 LGFM devices

Connection interface

Radio Spread Spectrum SFH DSSS
WiFi - AccesPoint (AP) mode and Client (STA) mode, Ethernet (1 port), Bluetooth (not activated), RS485, 4 x potential-free inputs, 1 x 230V input

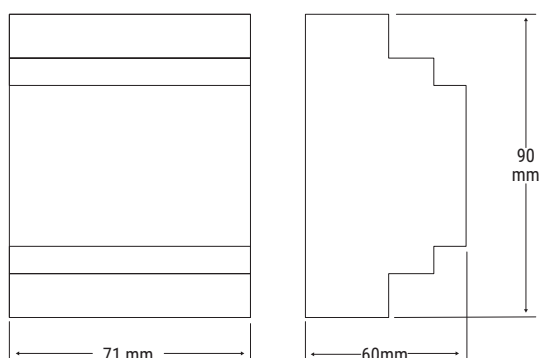
Management software

B.connect App, NuBe, Logica visual

Memory card

SD Card (not included)

Compliance EN60950-1, EN62034, EN50172, 2014/53/EU



FUNCTIONS

- Modular system
- Luminaires operating in both AutoTest and Centraltest LGFM modes.
- Programmable autonomy(1hour / 3hours)
- Delayed testing for part of the system (even/odd)
- Radio links with SFH DSS system
- Possibility of remote control via B.connect APP
- Possibility of remote control via PC with the NuBe portal (in addition to GSM, Ethernet, USB, RS232 interfacing)
- Possibility of integration with Building Automation
- Centralised configuration operations
- 16 programmable luminaire groups
- 16 programmable brightness scenes

LOW POWER RADIO COMMUNICATIONS BASED ON SPREAD-SPECTRUM TECHNOLOGY UNLIMITED RADIO RANGE


The radio waves used by the Logica FM system are very low power to avoid any kind of interference and electromagnetic pollution. The power involved in radio communication is less than one hundredth of that emitted by a normal mobile phone. The signal transmitted by the Control Unit is received by the first luminaire in the "route" memorised during the control unit

start-up; each luminaire, equipped with a radio transceiver and an amplifier, receives and transmits the signal to the next appliance in the memorised "route".

All products in this range comply with the standards in the European Recommendation ERC/REC 70-03.

	Order Code	Description	Number of luminaires	Number of DIN rail modules	Weight Kg	Packaging Single/ Multi pack
LGFM	12128C	LOGICA CONNECT LGFM CONTROL UNIT	256	4	0.2	1

ACCESSORIES - to be ordered separately



GSM MODULE
With Ethernet LAN input and power supply (1+1 DIN)
SIM card slot (included)
Order Code **20157**

