ZLX230

**The best control panel for
230 V motor swing gates.**

ZLX230 is the new series of control panels for managing all 230-volt motors applied to automations for **SWING GATES.**

ZLX230
CHARACTERISTICS

- **CONNECT TECHNOLOGY** for digital automation management, both locally and remotely.

- **ADVANCED ELECTRONIC FUNCTIONS** for smarter installation, the ZLX230 series includes DIGITAL TORQUE CONTROL and SMART MOTION CONTROL as well as dynamic management of automatic closing times.

- **VARIOUS CONNECTION MODES** for control and safety accessories with CXN BUS technology, RIO wireless system, and traditional and resistive inputs.

- **SIMPLIFIED INSTALLATION AND WIRING** thanks to innovative mechanical and electronic solutions

- **COMPATIBLE WITH ALEXA AND GOOGLE HOME** for voice-controlled automation management.

- **AVAILABLE IN 3 DIFFERENT VERSIONS** all at 230 volts for installation requirement of all kinds.

- **VAST RANGE OF ACCESSORIES.** original CAME accessories to complete the system.

- **COMPLIES WITH REGULATION (EU) 2023/826** which establishes eco-compatible design requirements for power consumption in off mode, standby mode, and grid standby mode.

AT THE
INSTALLER'S SERVICE

ZLX230 is the new generation of command panels for 230-volt swing gates designed to simplify the work of the installer. State-of-the-art electronic functions and optimized design combine to ensure quick and intuitive installation. With the new control panels, efficiency meets technology, providing superior performance and simplified gate management.

STRAIGHT ARM AUTOMATIONS
230 V AC

ZLX230S • ZLX230M	ZLX230P • ZLX230M • ZLX230S	
AXO	**ATS**	**ATI**
001AX302304	801MP-0050	001A3000
001AX402306	801MP-0060	001A3000A
001AX412306	801MP-0090	001A3006
001AX71230	801MP-0100	001A5000
		001A5000A
		001A5006

ARTICULATED ARM AUTOMATIONS
230 V AC

ZLX230S • ZLX230M	ZLX230P • ZLX230M • ZLX230S
FERNI	**FAST**
001FE40230	001FA70230
001FE40230V	

UNDERGROUND AUTOMATIONS
230 V AC

ZLX230S • ZLX230M	ZLX230P • ZLX230M • ZLX230S
FROG	**FROG**
001FROG-AE	001FROG-A
	001FROG-AV

ZLX230S
COMPLETE HIGH PERFORMANCE

Multi-function control panel in special 230 V version for single and double leaf swing gates. Equipped with a graphic programming display to ensure the installer can read the complete menu items and follow the wizard. It also has self-diagnosing safety devices, digital torque control DTC, 4 settable safety inputs, BUS CXN and 1000 storable users.

Equipped with a timer function for configuring up to 8 different time slots and up to 16 special days.

801QA-0130

ZLX230M
COMPACT AND VERSATILE

Multi-function control panel in medium 230 V version for single and double leaf swing gates. Equipped with 7-segment programming display compatible with various wiring technologies (conventional or CXN BUS), digital torque control and 2 settable safety inputs.

The ZLX230M's great performance makes it the perfect solution for quick and easy installation without sacrificing functionality and connectivity.

801QA-0120

ZLX230P
ESSENTIAL AND MULTIFUNCTIONAL

Essential 230V control panel for single- and double-leaf swing gates without encoders, with 7-segment programming display, self-diagnosing safety devices and Digital Torque Control, 2 settable safety inputs and up to 250 storable users.

Module for managing CXN BUS accessories(806XG-0110) available as an accessory

801QA-0110

MAIN FEATURES

- 4 configurable safety inputs
- CNX BUS inputs
- Output B1-B2
- RIO System 2.0
- Slot for CAME KEY and CAME gateway
- Digital Torque Control DTC
- Dynamic automatic closing time
- Management of motors with and without encoders
- Timer function
- 1000 users
- Protective cover for the board
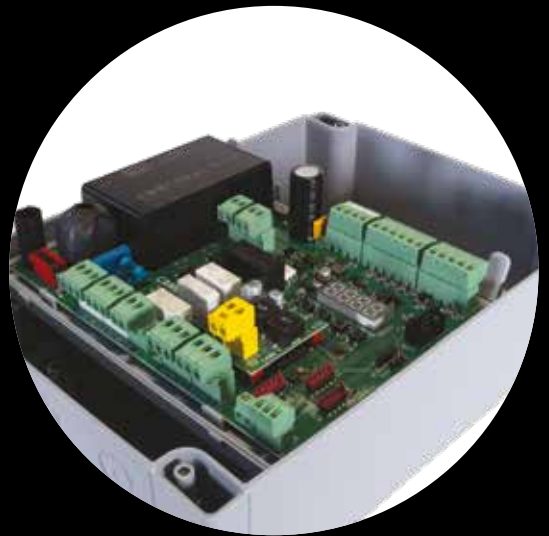- Complies with Regulation (EU) 2023/826

ZLX230S is designed to control 2 different motor models simultaneously.

MAIN FEATURES

- 2 configurable safety inputs
- CNX BUS inputs
- RIO System 2.0
- Slot for CAME KEY and CAME gateway
- Digital Torque Control DTC
- Management of motors with and without encoders
- 250 users
- Complies with Regulation (EU) 2023/826

Thanks to the integrated CXN bus, ZLX230M allows use of the full range of CAME BUS accessories.
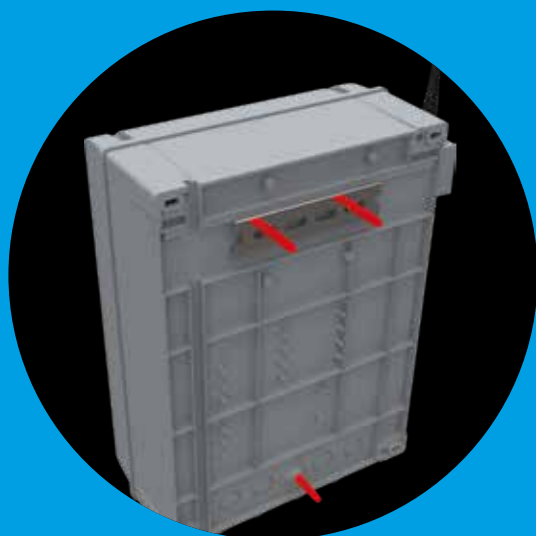
MAIN FEATURES

- 2 configurable safety inputs
- RIO System 2.0
- Digital Torque Control DTC
- Slot for CAME KEY and CAME gateway
- Designed to manage motors without encoders
- 250 users
- Complies with Regulation (EU) 2023/826

ZLX230
MAIN FEATURES

EASY
INSTALLATION

Plastic box with DIN BAR attachment eliminates templates and measurements. Just attach the bar and hang the box. A screw on the bottom ensures stability. The design fits the installation holes of CAME panels for quick replacements.

CAME
KEY

CAME KEY, the local Wi-Fi interface, enables configuration via smartphone or tablet without the Internet. Insert the CAME KEY and download the CONNECT SETUP app. Connected to smartphones or tablets, it allows quick automation configuration, QR code transmitter management, download of firmware updates, and local or cloud backup of keypad codes

PRACTICAL
WIRING

The control box on a tilting and removable base allows cables to be wired freely after fixing the box. Detaching the panel facilitates wiring, leaving space for cables. After connection, the panel is fixed in place.

Further info at: CAME.COM/CAMEKEY

MOTOR CONFIGURATION

For specific installations, the ZLX230 series allows advanced configurations such as separate setting of motor parameters on the two leaves. This makes it easier to work with leaves of different sizes or angles.
The control panel also allows the operation of two models of motors, for different requirements.

SCHEDULED MAINTENANCE

Set notifications for scheduled maintenance by maneuver count. The display shows total and partial maneuvers. Protect electronic boards with 4-digit passwords to restrict access to configuration and maintenance to authorized personnel only.

DIGITAL TORQUE CONTROL

Digital torque control (DTC) electronically adjusts the force of the operators, allowing precise settings. Unlike conventional methods, the DTC digitally sets the torque, which can be changed remotely via CAME Connect or via display/CAME KEY.
This improves the management of swing gates.

GREEN POWER

Complies with the Regulation (EU) 2023/826

Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY

E

Operator or automation with ENCODER

EN TESTED

This operator is tested to be compliant with regulatory standards EN 12453
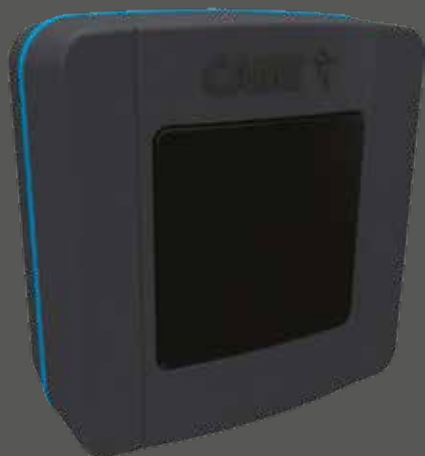
CXN

Product compatible with 2-wire connection technology CXN BUS

RIO

Product pre-configured for housing the plug-in board 806SS-0040 of the RIO System 2.0 series.

CONNECTION ACCESSORIES*

ZLX230 controllers are the optimal solution for installations requiring multiple safety input configurations. These innovative control panels support the connection of both conventional accessories and CXN BUS devices, and are equipped with 4 safety inputs (in the ZLX230S version) that can also be configured as resistive inputs. For installations where masonry work is impractical, wireless connection is available via accessories from the RIO System range.
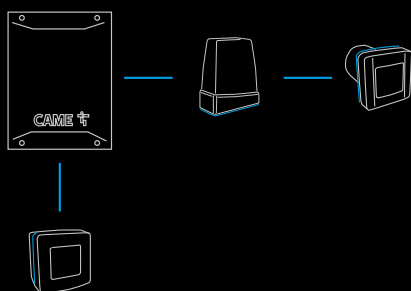
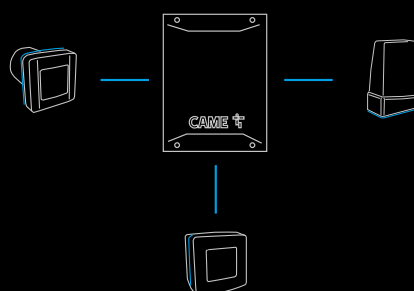DLX series photocells with CXN
BUS technology
(806TF-0100)

KRX series flashing light with RGB
LED and CXN BUS technology
(806LA-0050)

* Check the function table for corresponding specifications/control panel.
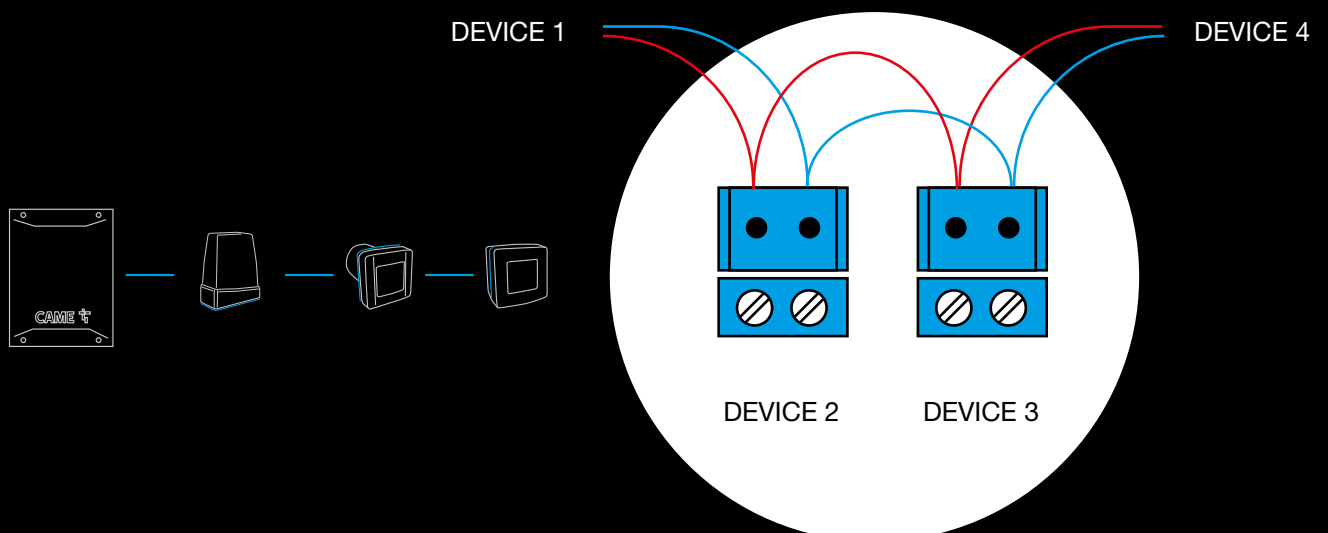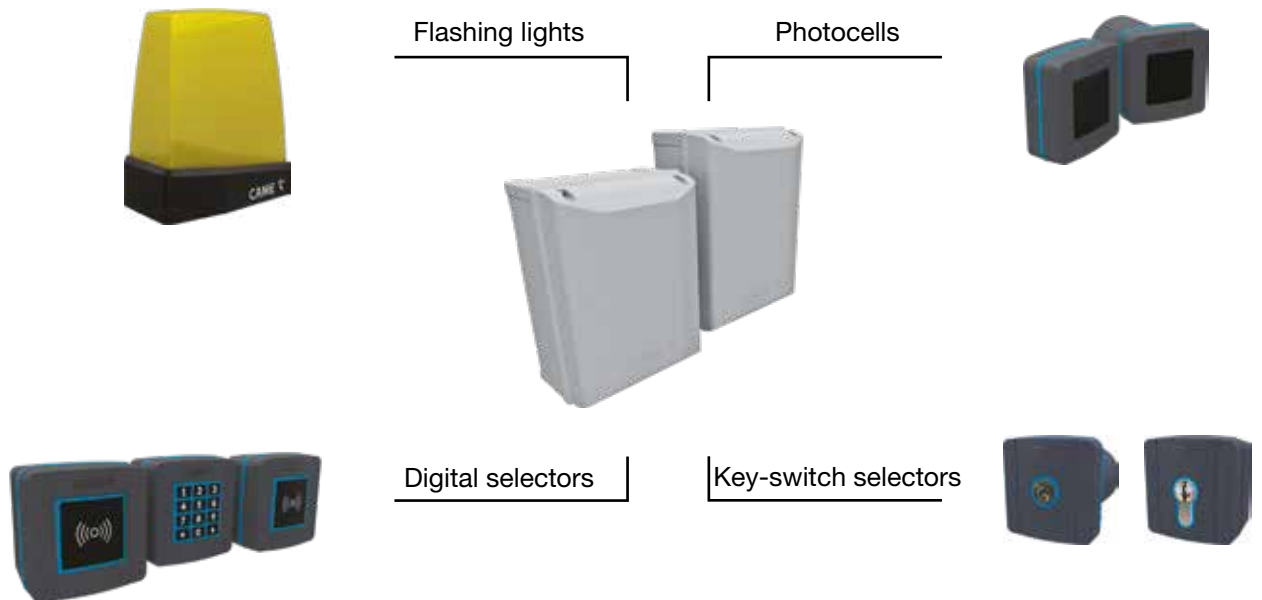
CXN BUS **CONNECTION MODE**

MIXED connection

STAR connection

ZLX230 controllers offer advanced connectivity, supporting both conventional safety and control devices and CXN BUS technology. This flexibility allows the installer to incorporate a wide range of accessories efficiently and innovatively. The auto-configuration function also provides immediate feedback from each device, streamlining the installation and configuration process.

The control panel allows the connection of:

• up to 8 pairs of photocells

• up to 2 flashing lights

• up to 7 command selectors (keypads, transponders and key selectors)

Flashing lights

Photocells

Digital selectors

Key-switch selectors

DEVICE 1

DEVICE 4

DEVICE 2

DEVICE 3

CHAIN connection

CONNECT

CONNECT TECHNOLOGY

This innovative control panel can be configured using the standard manual procedure or CONNECT technology for local or remote management.
The special connector allows CAME KEY or CAME gateways to be connected for a full range of additional functions.

CAME GATEWAYS

ZLX230 boards are designed to host the new series of quick-connect gateways for connecting to
CAME Cloud.
Multiple models are available to provide the best solution for each installation.

• WI-FI GATEWAY for direct connection to an existing Wi-Fi router.

• SLAVE MODULE which, combined with a wireless or GSM gateway, enables wireless connection to the Internet.

Slave module
806SA-0150

WI-FI/Bluetooth
806SA-0140

COMPATIBLE WITH ALEXA AND GOOGLE HOME

Thanks to the optional Wi-Fi gateway that can be plugged directly onto the electronic boards, it is possible to connect to any router to enable remote management.
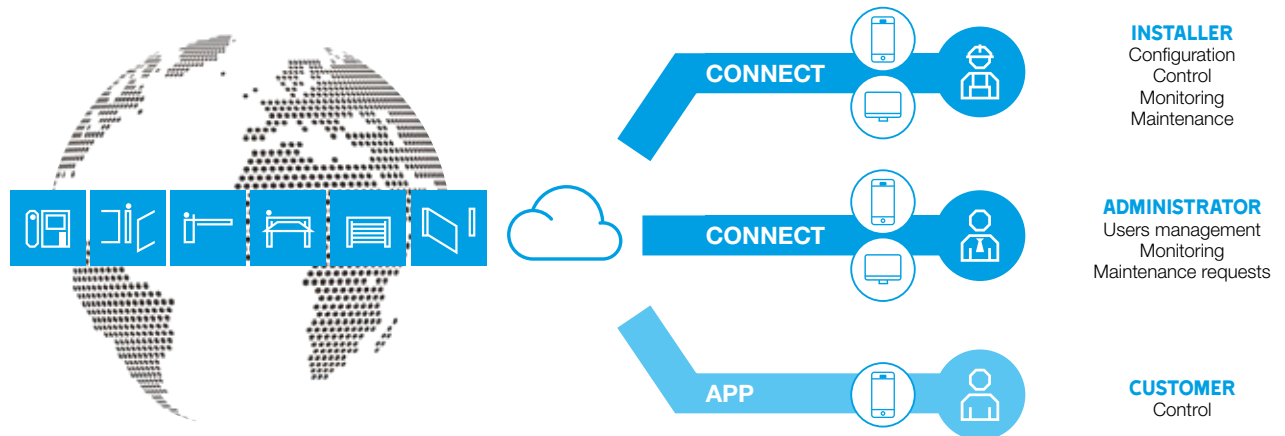
In addition to the Automation App that enables users to control the automation from a smartphone, it is also possible to use Amazon Alexa and Google Home voice commands, to open and close the gate, stop it, or know its status.

Download the AUTOMATION app
from Google Play and the App Store

CAME

CONNECT is the CAME technology that makes it possible to manage automations capable of improving the quality of life. Automations connected via the Internet offer added value to the user and open up new horizons for the installer's business.

CAME has chosen to develop in-house the technologies required to manage data flow and protection. No external agency processes the information, no server is located in remote locations around the world. An innovative technological heart that guarantees reliability and high security. CAME has invested in research and development with the aim of simplifying the installer's work, improving user experience and offering new digital services.

CONNECT

INSTALLER
Configuration
Control
Monitoring
Maintenance

CONNECT

ADMINISTRATOR
Users management
Monitoring
Maintenance requests

APP

CUSTOMER
Control

CONNECT AT THE SERVICE OF THE INSTALLER AND ADMINISTRATOR

Connected automations can be managed remotely via PC or smartphone.
The CONNECT platform enables automatic programming of transmitters, management of customers and systems installed, and monitoring of device status and scheduled maintenance.
CONNECT allows the installer to offer a complete 24/7 service becoming the trusted partner for his customer.

CONNECT AT THE CUSTOMER'S SERVICE

Through the free Apps that can be installed on any Android or iOS smartphone, the user can control the devices remotely.
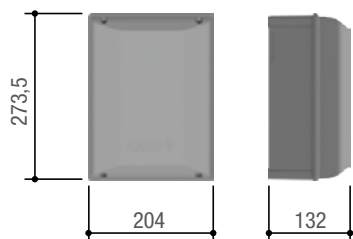Compatible with Amazon Alexa and Google Home devices, CAME automations can also be controlled by voice command.

WEB CONSOLE
came.com/connect

SMARTPHONE APP
CONNECT SetUp

SMARTPHONE APP
CAME Automation

CONNECT MEANS

INTERNET CONNECTION
via CAME gateways

COMPATIBILITY
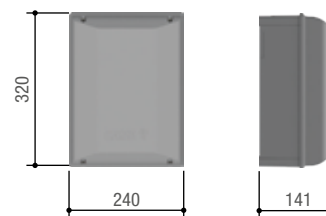with new quick-coupling gateways

CONFIGURATION
and setup from smartphone
with CAME KEY

REMOTE CONTROL
for the user through Apps

DIMENSIONS (mm)

273,5

204 | 132

ZLX230M - 801QA-0120
ZLX230P - 801QA-0110

320

240 | 141

ZLX230S - 801QA-0130

FUNCTIONS

CODE	801QA-0110	801QA-0120	801QA-0130
MODEL	ZLX230P	ZLX230M	ZLX230S
Configurable safety inputs	2	2	4
CNX BUS inputs	● *	●	●
Output B1-B2	-	-	●
RIO System 2.0	●	●	●
Slot for CAME KEY and CAME gateway	●	●	●
Number of users	250	250	1000
Timer function	-	-	●
Plastic board cover	-	-	●
Modbus Open Protocol	●	●	●
Management of 2 different motors	-	-	●
Digital Torque Control DTC	●	●	●
Encoder/ limit switch input	-	●	●
Adaptive automatic closing time	●	●	●

* With accessory 806XG-0110

TECHNICAL FEATURES

MODEL	801QA-0110	801QA-0120	801QA-0130
Protection rating (IP)	54	54	54
Power supply (V - 50/60Hz)	230 AC	230 AC	230 AC
Motor power supply (V)	230 AC	230 AC	230 AC
Power (W)	1100	1100	1100
Operating temperature (°C)	-20 to +55	-20 to +55	-20 to +55
RAL color	7024	7024	7024
Cabinet material	ABS	ABS	ABS

● 230 V AC

INTERNAL ACCESSORY HOUSING TABLE

MODEL	801QA-0110	801QA-0120	801QA-0130
SMA detector - SMA2	YES	YES	YES
RGSM module	YES	YES	YES
RCXN BUS Module 806XG-0110	YES	INTEGRATED	INTEGRATED

CAME ✝

MORE THAN TECHNOLOGY

We are a leading multinational supplier of integrated high-tech solutions for automating residential, public and urban settings, which generate intelligent intelligent spaces for people's wellbeing.

➔ GATE AUTOMATIONS
➔ VIDEO ENTRY SYSTEMS
➔ AUTOMATIONS FOR GARAGES AND INDUSTRIAL DOORS
➔ AUTOMATIC BARRIERS
➔ PARKING SYSTEMS
➔ TURNSTILES AND SPEED GATES
➔ BOLLARDS AND ROAD BLOCKERS
➔ HEATING CONTROL
➔ AUTOMATIC DOORS
➔ SHUTTER AND BLIND SOLUTIONS

CE