MAIN CATALOGUE

ELEVATOR CONTROL SYSTEMS AND SOLUTIONS

ULTIMATRUE
ENGINEERING INDUSTRIES

Ultimatrue Engineering Industries is a world-class provider of end-to-end Electronic and Electrical control products, manufacturing: Elevator Control solutions, Industrial Digital Monitoring Systems (IDMS), Custom Built Solutions, Monitoring and Command software, and Low-Voltage Switchgears.

The company strives towards successful development through the strategic allocation of its resources, design, and technology to ensure the delivery of cost-effective products, provided the ultimate quality and scalability.

The philosophy conducted at Ultimatrue is at best customer-centered. Empowered by a dedicated Research and Development division, alongside specialized after-sales services, Ultimatrue invests heavily to generate a competent workforce that address diversified customer needs through ownership, confidence, and integrity.

Ultimatrue is continuously expanding its presence in various markets around the globe through innovative product line extension, distribution network growth, as well as providing additional production facilities, promptly meeting clientele demands.

Ultimatrue Elevator Control solutions comply with the European safety standards EN 81-20 & EN 81-50.

Ultimatrue Engineering Industries is a certified ISO 9001:2015 and ISO 45001:2018 company since 2008.

CERTIFIED QUALITY MANAGEMENT SYSTEM
UNITED REGISTRAR OF SYSTEMS
URS
ISO 9001

CERTIFIED OCCUPATIONAL HEALTH AND SAFETY SYSTEM
UNITED REGISTRAR OF SYSTEMS
URS
ISO 45001

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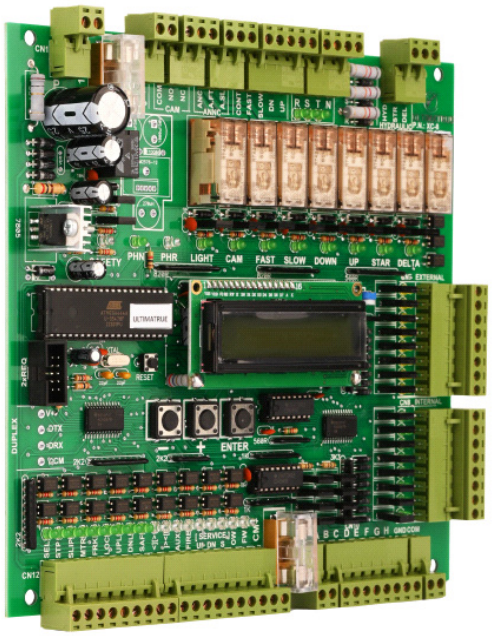
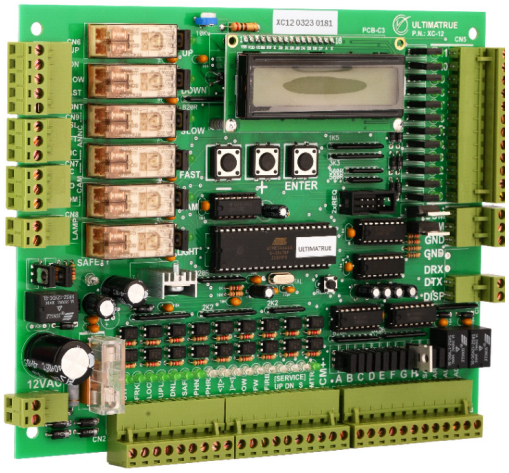


XC-8 Series

- Guaranteed overall safety.
- Compatible with all motors and control systems.
- Hydraulic system with releveling function.
- Integrated three-phase sequence on the board.
- Operates manual, semi-automatic, and fully automatic doors.
- Easy monitoring of elevator status.
- Practical, performance-based design.
- User-friendly, simplified interface.
- Programming buttons for elevator car movement in inspection mode.
- Supports integration with serial indicators and other types, including 7-segment, binary, and floor wire indicators.
- Supports calls collection including down, semi, and single call.
- Hardware and software circuits designed to control speed and direction systems, halting operations if safety circuit failures occur.
- Supports Home Lift elevator systems via XCHV-8HL.

Model	XC-8	XC-16	XC-8XP	XCHV-8XP	XCHV-8HL
Maximum Number of Stops	8	16	8	8	8
Extended Number of Stops	-	-	8	8	8
Supply Voltage	12V AC	12V AC	12V AC	24V AC	24V AC
Phase Sequence Detection	√	√	√	√	√
Phase Failure Function	√	√	√	√	√
Motor Direction Correction	√	√	√	√	√
VIP (Car Priority)	√	√	√	√	-
Lock Error (Doors Lock Monitoring)	√	√	√	√	√
Motor Overload Safe Landing (MTR)	√	√	√	√	√
Fast Speed Time Out Protection	√	√	√	√	√
Dual Protection of Safety Circuits	√	√	√	√	√
Operation Timeout Protection	√	√	√	√	√
Fire Operation	√	√	√	√	√
Over Weight (OW)	√	√	√	√	√
Full Weight (FW)	√	√	√	√	√
Parking	√	√	√	√	√
Indicators Output	√	√	√	√	√
Arrows Output	√	√	√	√	√
Gongs Output	√	√	√	√	√
Restore Selector (Counter Resetting)	√	√	√	√	√
Inspection Mode Control	√	√	√	√	√
Cam Trial	√	√	√	√	√
Active Floor	√	√	√	√	√
Key Code	√	√	√	√	-

Simplex Elevator Control Boards



XC-12 Series

- Guaranteed overall safety.
- Compatible with both one-speed and two-speed motors and control systems.
- Operates manual, semi-automatic, and fully automatic doors.
- Easy monitoring of elevator status.
- Practical, performance-driven design.
- Simplified, user-friendly interface.
- Programming buttons for smooth elevator car movement in inspection mode.
- Supports integration with serial indicators and other types, including 7-segment, binary, and floor wire indicators.
- Supports calls collection, including down, semi, and single call.
- Safety circuits in hardware and software designed to control speed and direction, halting operations if any safety circuit failures occur.

Model	XC-12	XC-28	XC-12XP
Maximum Number of Stops	12	28	12
Extended Number of Stops	-	-	16
Supply Voltage	12V AC	12V AC	12V AC
Motor Direction Correction	√	√	√
Lock Error (Doors Lock Monitoring)	√	√	√
Motor Overload Safe Landing (MTR)	√	√	√
Fast Speed Time Out Protection	√	√	√
Dual Protection of Safety Circuits	√	√	√
Operation Timeout Protection	√	√	√
Fire Operation	√	√	√
Over Weight (OW)	√	√	√
Full Weight (FW)	√	√	√
Parking	√	√	√
Indicators Output	√	√	√
Arrows Output	√	√	√
Gongs Output	√	√	√
Inspection Mode Control	√	√	√
Cam Trial	√	√	√
Active Floor	√	√	√
Key Code	√	√	√

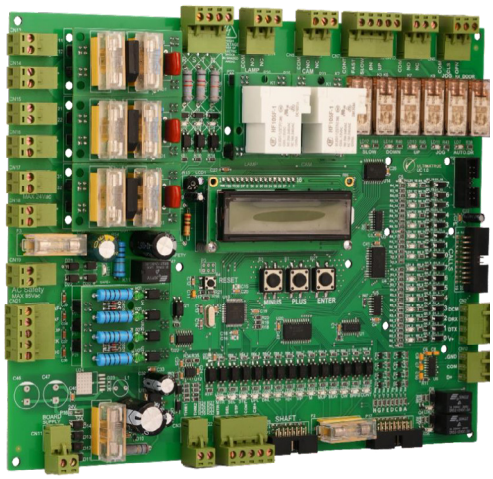
Simplex Elevator Control Boards

XC-GL Series

- Guaranteed overall safety.
- Compatible with all gearless motors and control systems.
- Capable of operating with induction gearbox motors when rescue actionis required through a UPS unit.
- Board dimensions: 40 cm x 10 cm, designed to fit in room less control panels.
- Separate output for operating the inspection signal, also usable for middle speed in 3S models during normal motion.
- Built-in three-phase failure detection on the board.
- Inverter operation supported during rescue mode using UPS.
- Two built-in interlocked relays for selecting normal and rescue operations.
- Capable of operating manual, semi-automatic, and fully automatic doors.
- Programming buttons facilitate elevator car movement in inspection mode.
- Supports integration with serial indicators and other types, including 7-segment, binary, and floor wire indicators.
- Supports calls collection, including down, semi, and single call.
- Hardware and software circuits designed to control speed and direction, halting operations if any safety circuit failures occur.

Model	XC-8GL/2S	XC-8GL/3S	XC-16GL/2S	XC-16GL/3S
Maximum Number of Stops	8	8	16	16
Maximum Car Speed	1 m/s	1.6 m/s	1 m/s	1.6 m/s
Supply Voltage	12V AC	12V AC	12V AC	12V AC
Phase Failure Function	√	√	√	√
Middle Speed	-	√	-	√
VIP (Car Priority)	√	√	√	√
Lock Error (Doors Lock Monitoring)	√	√	√	√
Motor Overload Safe Landing (MTR)	√	√	√	√
Fast Speed Time Out Protection	√	√	√	√
Dual Protection of Safety Circuits	√	√	√	√
Operation Timeout Protection	√	√	√	√
Fire Operation	√	√	√	√
Over Weight (OW)	√	√	√	√
Inverter Status Feed-Back	√	√	√	√
Parking	√	√	√	√
Indicators Output	√	√	√	√
Arrows Output	√	√	√	√
Gongs Output	√	√	√	√
Restore Selector (Counter Resetting)	√	√	√	√
Inspection Mode Control	√	√	√	√
Cam Trial	√	√	√	√
Active Floor	√	√	√	√
Key Code	√	√	√	√

Modular Simplex Elevator Control Boards



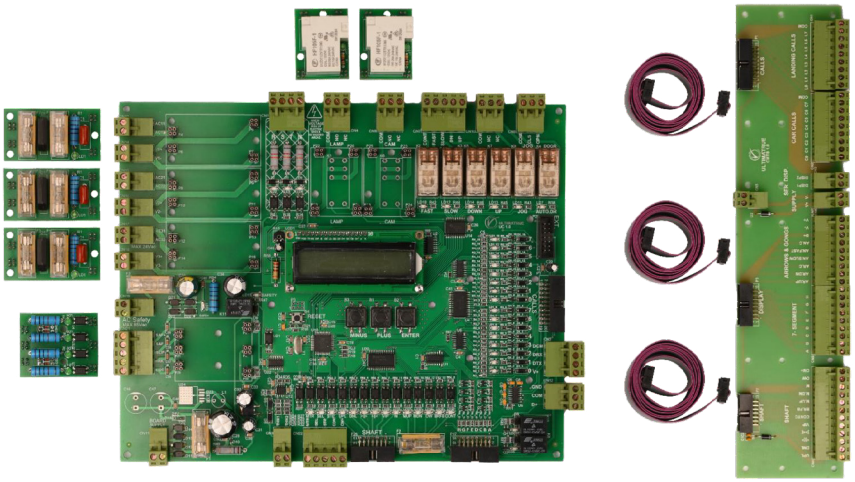
CM Series

The Control More series is comprised of two hardware units: the main control board and the terminal block board.

- Guaranteed overall safety.
- Compatible with all motors and control systems.
- Hydraulic system with releveling function.
- Built-in three-phase sequence detection on the board.
- Capable of operating manual, semi-automatic, and fully automatic doors.
- Easy monitoring of elevator status.
- Performance-driven, practical design.
- Simplified, user-friendly interface.
- Programming buttons for smooth elevator car movement in inspection mode.
- Supports integration with serial indicators and other types, including 7-segment, binary, and floor wire indicators.
- Supports calls collection, including down, semi, and single call.
- Hardware and software circuits designed to control speed and direction, halting operations if any safety circuit failures occur.

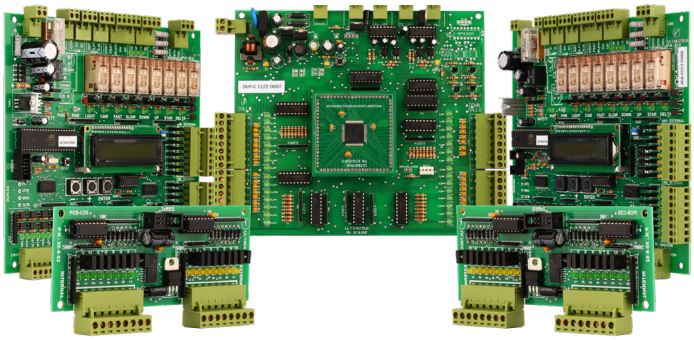
- The elevator control board is designed with replaceable modules for easy and fast maintenance.
- Elevator safety circuits are directly connected to the control board through the safety module, capable of operating with up to 85V AC.
- Includes a rectifier to power calls and indicators with a voltage up to 24V AC.
- Operates both the retiring cam and mechanical brakes using two additional rectifiers that can handle high current.
- Can operate the retiring cam for manual doors without requiring an external contactor in the control panel.
- Light relay module enables car lighting for a set period without needing external relays.
- Supports both negative and positive common indicators, compatible with binary or 7-segment displays.
- Provides feedback on the status of motion contactors or the inverter through a dedicated outlet in case of a malfunction.
- Ensures safe landing at the nearest floor if the selector counter misses any magnetic strip during operation.
- Provides the option to activate or deactivate the safe landing function at the nearest floor in the event of MTR or PTC disconnection, with adjustable recovery time settings.
- Option to enable or disable the Safe Bypass Function.
- Cancels registered car calls when the car is at floor level and the door is open.
- Supports operation of cars with two entrances, featuring separate outlets for each entrance and the ability to assign specific floors through the adjustable door map function.
- Provides real-time feedback on the mechanical brake status via a dedicated outlet in case of brake malfunction.
-Offers an ideal cost-effective solution by reducing time, effort, and expenses through the use of terminal block boards and integrated flat cables for connections.

Modular Simplex Elevator Control Boards



Model	CM-8XP	CMHV-8XP
Maximum Number of Stops	8	8
Extended Number of Stops	8	8
Supply Voltage	12V AC	24V AC
Phase Sequence Detection	√	√
Phase Failure Function	√	√
Motor Direction Correction	√	√
VIP (Car Priority)	√	√
Lock Error (Doors Lock Monitoring)	√	√
Motor Overload Safe Landing (MTR)	√	√
Fast Speed Time Out Protection	√	√
Dual Protection of Safety Circuits	√	√
Operation Timeout Protection	√	√
Machine Thermal Sensor (PTC)	√	√
Fire Operation	√	√
Over Weight (OW)	√	√
Parking	√	√
Indicators Output	√	√
Arrows Output	√	√
Gongs Output	√	√
Restore Selector (Counter Resetting)	√	√
Inspection Mode Control	√	√
Close Trial	√	√
Active Floor	√	√
Key Code	√	√
Call Canceling	√	√
Contactor Feedback	√	√
Inverter Feedback	√	√
Mechanical Brake Feedback	√	√
Safe Bypass Mode	√	√
Door Mapping	√	√

Duplex Elevators Control Boards

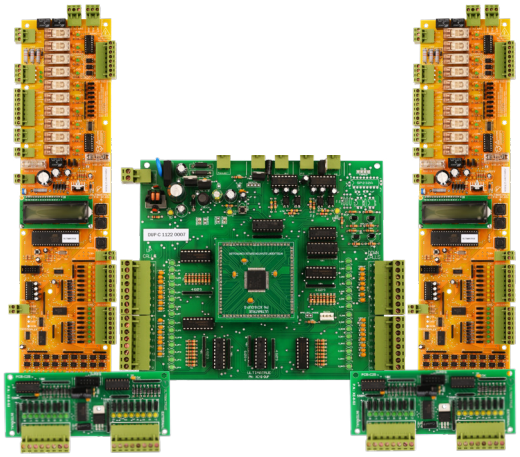


XC-DUP Series

- Compatible with traction gearbox, hydraulic motors, and all control systems.
- Selective call collection at landing door level: choose between up, down, or selective collective.
- Performs calculations with optimal accuracy.
- Ensures smooth transportation and optimized traffic flow.
- Adapts efficiently when an elevator is out of service.
- Provides a call button light power supply on the connection middle board.
- Reliable communication channels between elevator control boards.
- Operates manual, semi-automatic, and fully automatic doors.
- Supports indicators such as 7-segment, binary, or floor wire, but does not support serial indicators.

Model	XC-DUP-8	XC-DUP-16	XCHV-DUP-8	XCHV-DUP-16
Maximum Number of Stops	8	16	8	16
Supply Voltage	12V AC	12V AC	24V AC	24V AC
Maximum Car Speed	1 m/s	1 m/s	1 m/s	1 m/s
Phase Sequence Detection	√	√	√	√
Phase Failure Function	√	√	√	√
VIP (Car Priority)	√	√	√	√
Lock Error (Doors Lock Monitoring)	√	√	√	√
Motor Overload Safe Landing (MTR)	√	√	√	√
Fast Speed Time Out Protection	√	√	√	√
Dual Protection of Safety Circuits	√	√	√	√
Operation Timeout Protection	√	√	√	√
Fire Operation	√	√	√	√
Over Weight (OW)	√	√	√	√
Full Weight (FW)	√	√	√	√
Parking	√	√	√	√
Indicators Output	√	√	√	√
Arrows Output	√	√	√	√
Gongs Output	√	√	√	√
Restore Selector (Counter Resetting)	√	√	√	√
Inspection Mode Control	√	√	√	√
Cam Trial	√	√	√	√
Active Floor	√	√	√	√
Key Code	√	√	√	√

Duplex Elevators Control Boards

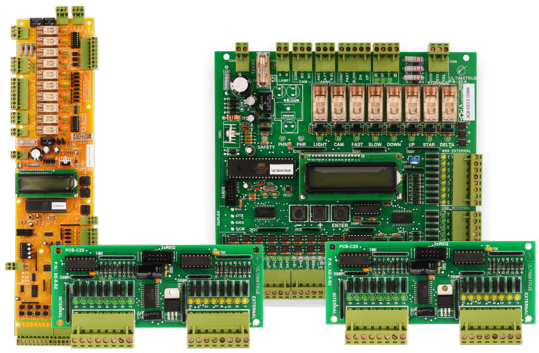


XC-DUP-GL Series

- Compatible with both traction gearless and gearbox motors.
- Selective call collection at landing door level: up, down, or selective collective.
- Performs necessary calculations with optimal precision.
- Ensures smooth transportation and efficient traffic flow.
- Adapts seamlessly when an elevator is out of service.
- Provides a call button light power supply provided on the connection middle board.
- Reliable communication channels between elevator control boards.
- Operates manual, semi-automatic, and fully automatic doors.
- Supports indicators such as 7-segment, binary, or floor wire; does not support serial indicators.

Model	XC-DUP-8GL/2S	XC-DUP-16GL/2S	XC-DUP-8GL/3S	XC-DUP-16GL/3S
Maximum Number of Stops	8	16	8	16
Supply Voltage	12V AC	12V AC	12V AC	12V AC
Maximum Car Speed	1 m/s	1 m/s	1.6 m/s	1.6 m/s
Phase Failure Function	√	√	√	√
Emergency Rescue Mode	√	√	√	√
Middle Speed	-	-	√	√
VIP (Car Priority)	√	√	√	√
Lock Error (Doors Lock Monitoring)	√	√	√	√
Motor Overload Safe Landing (MTR)	√	√	√	√
Fast Speed Time Out Protection	√	√	√	√
Dual Protection of Safety Circuits	√	√	√	√
Operation Timeout Protection	√	√	√	√
Fire Operation	√	√	√	√
Over Weight (OW)	√	√	√	√
Inverter Status Feed-Back	√	√	√	√
Parking	√	√	√	√
Indicators Output	√	√	√	√
Arrows Output	√	√	√	√
Gongs Output	√	√	√	√
Restore Selector (Counter Resetting)	√	√	√	√
Inspection Mode Control	√	√	√	√
Cam Trial	√	√	√	√
Active Floor	√	√	√	√
Key Code	√	√	√	√

Selective Collective Elevator Control Boards

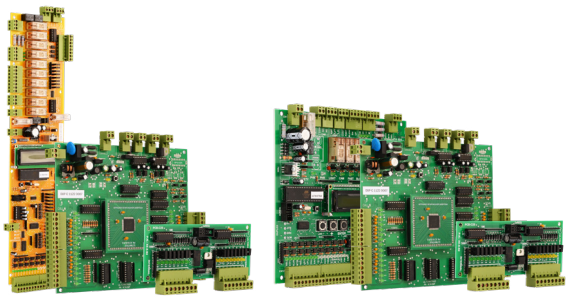


XC-SC-8 Series

- Supports selective collective landing calls for up to 8 stops for a single car.
- Allows selection of the desired direction at the landing door level, either up or down.
- Operates manual, semi-automatic, and fully automatic doors.
- Capable of integrating serial indicators with other types, including 7-Segment, binary, or floor wire indicators.

Model	XC-SC-8	XCHV-SC-8	XC-SC-8GL/2S	XC-SC-8GL/3S
Maximum Number of Stops	8	8	8	8
Supply Voltage	12V AC	24V AC	12V AC	12V AC
Machine System Type	Hydraulic Asynchronous	Hydraulic Asynchronous	Synchronous Asynchronous	Synchronous Asynchronous
Drive Control Type	Contactors Inverter	Contactors Inverter	Inverter	Inverter
Maximum Car Speed	1 m/s	1 m/s	1 m/s	1.6 m/s
Phase Sequence Detection	√	√	-	-
Motor Direction Correction	√	√	√	√
Phase Failure Function	√	√	√	√
Emergency Rescue Mode	-	-	√	√
Middle Speed	-	-	-	√
VIP (Car Priority)	√	√	√	√
Lock Error (Doors Lock Monitoring)	√	√	√	√
Motor Overload Safe Landing (MTR)	√	√	√	√
Fast Speed Time Out Protection	√	√	√	√
Dual Protection of Safety Circuits	√	√	√	√
Operation Timeout Protection	√	√	√	√
Fire Operation	√	√	√	√
Over Weight (OW)	√	√	√	√
Full Weight (FW)	√	√	-	-
Inverter Status Feed-Back	-	-	√	√
Parking	√	√	√	√
Indicators Output	√	√	√	√
Arrows Output	√	√	√	√
Gongs Output	√	√	√	√
Restore Selector (Counter Resetting)	√	√	√	√
Inspection Mode Control	√	√	√	√
Cam Trial	√	√	√	√
Active Floor	√	√	√	√
Key Code	√	√	√	√

Selective Collective Elevator Control Boards

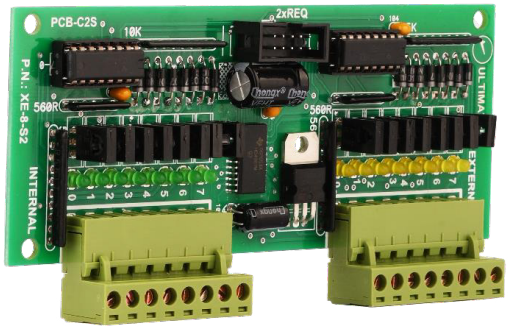


XC-SC-16 Series

- Supports selective collective landing calls for up to 16 stops for a single car.
- Allows selection of the desired direction at the landing door level, either up or down.
- Operates manual, semi-automatic, and fully automatic doors.
- Supports indicators such as 7-segment, binary, or floor wire;does not support serial indicators

Model	XC-SC-16	XCHV-SC-16	XC-SC-16GL/2S	XC-SC-16GL/3S
Maximum Number of Stops	16	16	16	16
Supply Voltage	12V AC	24V AC	12V AC	12V AC
Machine System Type	Hydraulic Asynchronous	Hydraulic Asynchronous	Synchronous Asynchronous	Synchronous Asynchronous
Drive Control Type	Contactors Inverter	Contactors Inverter	Inverter	Inverter
Maximum Car Speed	1m/s	1m/s	1m/s	1.6m/s
Phase Sequence Detection	√	√	-	-
Motor Direction Correction	√	√	√	√
Phase Failure Function	√	√	√	√
Emergency Rescue Mode	-	-	√	√
Middle Speed	-	-	-	√
VIP (Car Priority)	√	√	√	√
Lock Error (Doors Lock Monitoring)	√	√	√	√
Motor Overload Safe Landing (MTR)	√	√	√	√
Fast Speed Time Out Protection	√	√	√	√
Dual Protection of Safety Circuits	√	√	√	√
Operation Timeout Protection	√	√	√	√
Fire Operation	√	√	√	√
Over Weight (OW)	√	√	√	√
Full Weight (FW)	√	√	-	-
Inverter Status Feed-Back	-	-	√	√
Parking	√	√	√	√
Indicators Output	√	√	√	√
Arrows Output	√	√	√	√
Gongs Output	√	√	√	√
Restore Selector (Counter Resetting)	√	√	√	√
Inspection Mode Control	√	√	√	√
Cam Trial	√	√	√	√
Active Floor	√	√	√	√
Key Code	√	√	√	√

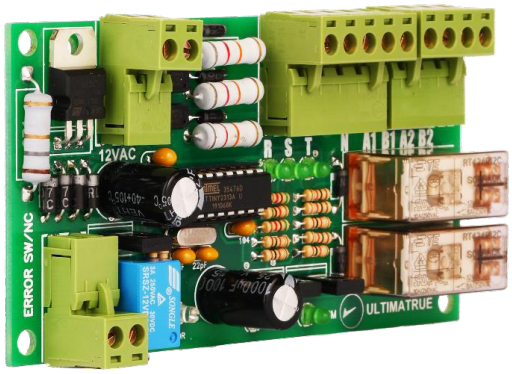
Elevator Additional Boards



Calls Extension Board

Model	XE-1
Board Dimensions	14.5 cm x 6.5 cm
Related Control Boards	XC-8XP to 16 stops
	XC-12XP to 28 stops
	XCHV-8XP to 16 stops

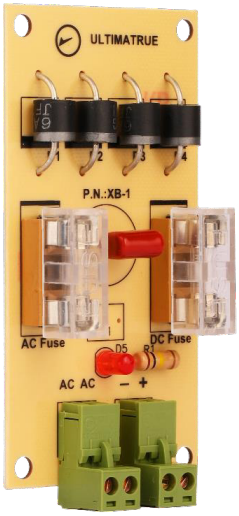
- Practical design facilitates simple connection.



Phase Sequence Correction Board

Model	XPH-380	XPH-220
Board Dimensions	11.5 cm x 6 cm	11.5 cm x 6 cm
Three-Phase Detecting Voltage	380V / 50HZ	220V / 60HZ

- Compatible with all elevator control systems.
- Basic installation.
- Automatic correction of phase equence.
- Continuous monitoring of three-phase lines.
- Automatic correction of three-phase automatic door motor.
- Includes an isolated auxiliary point for phase failure.



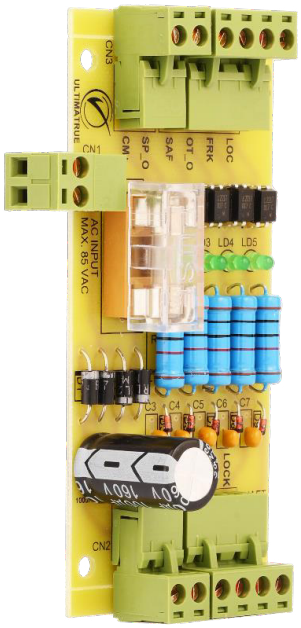
Bridge Rectifier Board

Model	XB
Board Dimensions	5.5 cm x 10.5 cm
Supply Voltage	12V AC - 220V AC
Operating Current	Up to 6A

- Fits all control panels.
- Designed for easy installation.
- Enhanced protection with separate fuses for input and output.

Elevator Additional Boards

Safety Bridge Rectifier Board



Model	XB-PI
Board Dimensions	5.5 cm x 10.5 cm
Supply Voltage	85V AC
Operating Current	Up to 5A

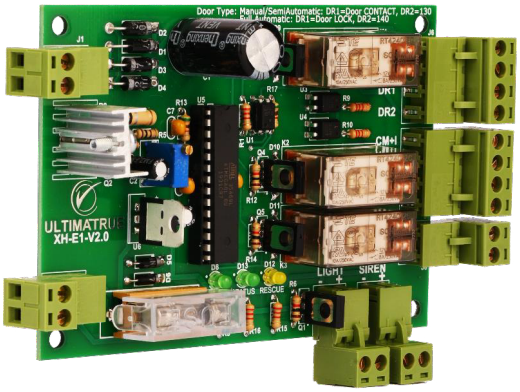
- Fits all control panels.
- Designed with two parts, serving as an interface board between the control board and the safety circuits in the shaft.
- Eliminates the need for three external 60V DC relays used for operating safety circuits.
- Includes a dedicated rectifier board for operating safety circuits.
- Provides separate outputs for each safety circuit, including stop, overtravel, door fork, and door lock.
- Auxiliary spare output available for use in case of defect or failure in any safety circuit.
- Continuously monitors safety circuits during normal elevator motion, inspection, or while stationary on the landing floor.
- Designed with suitable dimensions for ease of use.
- Simplified installation and mounting within the control panel.

PTC Bridge Rectifier Board

Model	XB-PTC
Dimensions	5.5 cm x 10.5 cm
Supply Voltage	12V AC
Operating Current	Up to 6A

- Fits all control panels.
- Protects the motor by providing an output for the PTC of the machine motor.
- Functions as a 2-in-1 board, serving as both a 12V rectifier and a PTC module.
- Enhanced protection with separate fuses for input and output.
- Converts 12V AC to 12V DC for calls and indicators.
- Supports current capacity up to 6A.
- Designed with suitable dimensions for ease of use.
- Simplified installation and mounting within the control panel.

Elevator Additional Boards



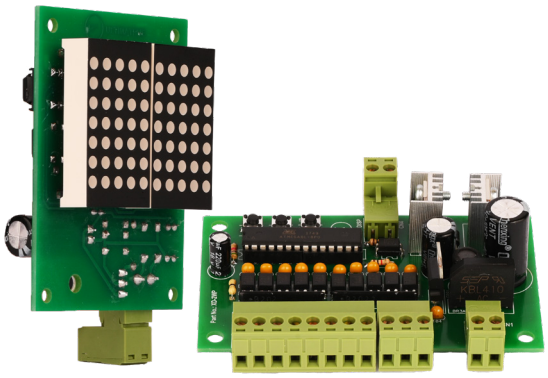
Hydraulic Rescue Board for Manual Doors

- Fits all hydraulic control panels.
- Moves the car down to the nearest floor during rescue operations.
- Main control panel remains out of service during the rescue process.
- Monitors the Stop Safety and Landing Doors Fork of the safety circuits.
- Provides a separate output for car lighting during rescue operations.
- Option to connect a safety siren for both normal and rescue modes.
- Features a regulated, intelligent, and powerful charging circuit.

Model	EMH-M
Board Dimensions	12 cm x 8 cm
Machine Type	Hydraulic
Door Type	Manual
Operating Voltage	Three-phase (380V or 220V) / (50HZ or 60HZ) One-phase (220V or 110V) / (50HZ or 60HZ)
Board Power Supply	12V AC
Motion Direction	Down to the level of the nearest floor
Control Panels	Hydraulic control panel
Inputs	Stop level Magnet and safety circuits
Emergency Valve	12V DC
Car Lighting	Car rescue lamp (12V DC - 6W)
Emergency Siren	12V DC
Number of Batteries	One Battery 12V-7AHr SLA

Floor Position Indicators

Programmable Indicator with Programming Unit

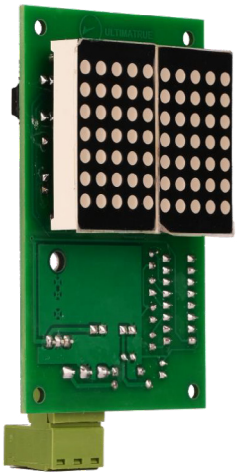


Model	XDP-2W & XD-2W	
Board Dimensions	XDP-2W	10 cm x 7 cm x 3 cm
	XD-2W	5.5 cm x 9.5 cm x 3 cm
Compatibility	All elevator control boards	
Display	10 x 7 Dot matrix preset alphanumeric, up and down arrows	
Number of Floors	24 floors per module	
Wiring	Two wires available for power and data	

Model	XDP-2W & XD-SMDP	
Dimensions	XDP-2W	10 cm x 7 cm x 3 cm
	XD-SMDP/COP	11 cm x 7 cm x 0.9 cm
	XD-SMDP/LOP	6 cm x 9 cm x 3 cm
Compatibility	Ultimatrue Control System	
Indicator Color	Red / White	
Display	10 x 7 Dot matrix preset alphanumeric, up and down arrows	
Number of Floors	24 floors per module	
Wiring	Two wires available for power and data	

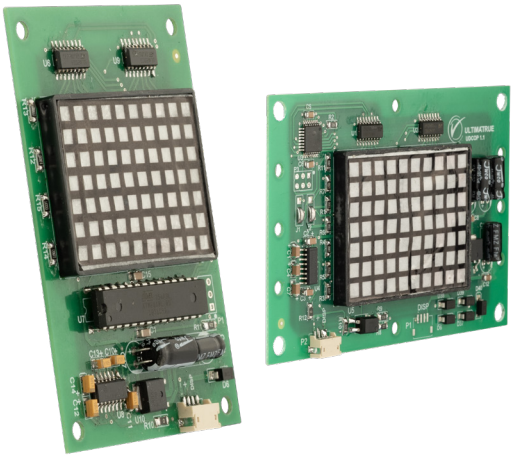
- Connects multiple displays as needed.
- Compatible with all elevator control boards.
- Ensures fast and easy connections.
- Allows programming of alphanumeric indications for each floor.
- Displays up and down arrows.
- Shows faults and malfunctions with Ultimatrue control boards, and can be programmed to display faults from other systems.
- Cost-effective by providing traveling cable terminals and connection wires.
- A single programming unit (XD-2WP) can operate up to 24 indicators (XD-2W) within one lift.
- For more than 24 stops, additional sets can be used within the same lift

Floor Position Indicators



Serial Indicator

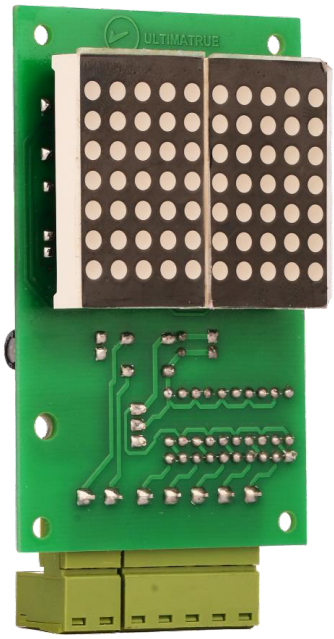
Model	XD-S
Dimensions	5.5 cm x 9.5 cm x 3 cm
Compatibility	Ultimatrue simplex, gearless, and selective collective elevator control boards
Indicator Color	Red
Display	10 x 7 Dot matrix
Number of Floors	Up to 28 floors
Wiring	One data wire + 2 wires (12V DC)



Model	XD-SMDS	
Board Dimensions	XD-SMDS/COP	11 cm x 7 cm x 0.9 cm
	XD-SMDS/LOP	6 cm x 9 cm x 3 cm
Compatibility	Ultimatrue Control System	
Indicator Color	Red / White	
Display	10 x 7 Dot matrix	
Number of Floors	Up to 28 floors	
Wiring	One data wire + 2 wires (12V DC)	

- Operates, connects, and transfers data based on the RS-232 standard.
- Adapts to display alphanumeric text according to the programming of the elevator control board.
- Enhances debugging by displaying failures, malfunctions, and status of the control board.
- Features an efficient design for easy connection.
- Displays up and down arrows.
- Cost-effective, providing traveling cable terminals and connection wires.
- Limited to two XD-S units per control board.
- Not compatible with XC-SC-16, XC-DUP, or XC DUP-GL series.

Floor Position Indicators



Binary Indicator

Model	XD-B
Board Dimensions	5.5 cm x 9.5 cm x 3 cm
Compatibility	All elevator control boards
Indicator Color	Red
Display	10 x 7 Dot matrix preset alphanumeric, up and down arrows
Number of Floors	Up to 32 floors
Wiring	Up to 5 data wires + 2 wires (12V DC)

- Adapts to display alphanumeric text based on the programming of the elevator control board.
- Compatible with systems that support binary negative.
- Efficient design ensures easy connections.
- Displays up and down arrows.
- Does not display faults or malfunctions.

Elevator Access Control Devices

U-AXS Series

- Easy operation for both administrators and passengers.
- Addition or removal of RFID tags is possible via master card and remote control.
- Tags can be added in groups, with each group representing a unit or apartment.
- Unlimited number of tags can be registered per group.
- Groups can be removed using the remote control.
- Removed groups can be re-added via remote control without needing to re-scan the tags.
- Adjustable on-delay time for the output relay through remote control.
- Strong encryption prevents system breaches from hacked tags.
- Equipped with a reverse polarity protection circuit.
- LED indicators in two different colors provide mode indication

Model	U-AXS
Product Dimensions	12 cm x 5.4 cm x 2.5 cm
Supply Voltage	12V DC (±10%)
Operating Current	≤ 100 mA
Operating Distance	0 - 5 cm (Depending on tag / card type)
On-Delay Timer	3s - 99s
Output Type	Free contact relay (2A/24VDC)
User Capacity	Unlimited
Device Type	Stand-alone
Indication	LED indicator and buzzer
Handling (Addition/Removal)	Via master card and IR remote
Standard Protocol	ISO 14443A Mifare – 13.56 MHz
Card/FOB Usage	The same RFID card can be programmed to access up to ten systems

Elevator Access Control Devices

D-AXS Series

- Tags are allocated to each unit or apartment, allowing access to a specific floor and the first (ground) floor only, with no registration for any other floors.
- Tags can be grouped, with each group representing a unit or apartment.
- Unlimited tags can be allocated to each group.
- RFID tag allocation is managed via the master card and remote control.
- Deactivation of any unit's tags on any floor is possible using the master card and remote control.
- Removed groups can be reactivated via the master card and remote control without needing to re-scan the tags.
- Adjustable on-delay time for output relays can be configured through the remote control.
- Administrator tags can be allocated to control and access all floors, ensuring full management in both commercial, administrative, and residential buildings.
- Ability to disable all allocated tags with a single code, with reactivation possible via the master card and remote control.
- Strong encryption safeguards the system from hacked tags.
- Features reverse polarity protection.
- LED indicators with two colors signal different modes.
- Designed for easy operation for both administrators and passengers.

Model		D-AXS-8	D-AXS-16	D-AXS-24
Product Dimensions	D-AXS	12 cm x 5.4 cm x 2.5 cm		
	Ext. Board	7.5 cm x 7.5 cm		
Number of floors in the COP		8	16	24
Number of Extension Boards		1	2	3
Supply Voltage		12V DC (±10%)		
Operating Current		≤ 100 mA		
Operating Distance		0 - 5 cm (Depending on tag / card type)		
On-Delay Timer		3s - 99s		
Output Type		Free Contact Relay (2A/24VDC)		
User Capacity		Unlimited		
Device Type		Stand-alone		
Indication		LED indicator and buzzer		
Handling (Addition/Removal)		Via master card and IR remote		
Standard Protocol		ISO 14443A Mifare – 13.56 MHz		
Card/FOB Usage		The same RFID card can be programmed to access up to ten systems		

Automatic Rescue Devices

U-RSKU-D Series

- Compatible with traction gearbox motors.
- Simplified installation as a wall-mount or standalone device.
- Moves the car in the easiest direction or with lower amperage.
- Supports all types of doors.
- Fully isolates the main control panel during rescue operations.
- Equipped with a regulated, intelligent, and powerful charging circuit.
- Maximizes battery functionality.
- Monitors all safety circuits continuously.
- Provides a separate output for car lighting during rescue operations.
- Features a digital programming menu.
- Operates with single-phase power supply (delta machine).
- Protects maintenance technicians by preventing elevator movement when the power is cut off.

Model	U-RSKU-D10	U-RSKU-D16
Dimensions	55 cm x 49 cm x 23 cm	62 cm x 53 cm x 23 cm
Machine Power Rating	10 hp (7.5 KW)	16 hp (12 KW)
Machine Type	Induction gearbox motor (one speed – two speed)	
Door Type	Manual, Semi-Automatic, Full-Automatic	
Operating Voltage	Three-phase (380V or 220V) / (50HZ or 60HZ) One-phase (220V or 110V) / (50HZ or 60HZ)	
Motion Direction	Direction of least current or lightest weight	
CAM / Brakes	65V DC / 75V DC / 85V DC / 110V DC / 220V DC	
Inputs	Stop level magnet, safety circuits, inspection signal	
Car Lighting	Car rescue lamp (220V / 40W)	
Motor Speed	4 Hz / 6 Hz / 8 Hz / 10 Hz	
ARD Screen	2x16 LCD for programming adjustments, displaying rescue status, indicating malfunctions	
Protection MCB	1P MCB 10A	1P MCB 16A
Number of Batteries	4 Batteries 12V-7AHr SLA	4 Batteries 12V-12AHr SLA
ARD Design	Vertical	Vertical

Automatic Rescue Devices

U-RSKU-C Series

- Compatible with traction gearbox motors.
- Simplified installation as a wall-mount or standalone device.
- Moves the car in the easiest direction or with lower amperage.
- Supports all types of doors.
- Fully isolates the main control panel during rescue operations.
- Equipped with a regulated, intelligent, and powerful charging circuit.
- Maximizes battery functionality.
- Monitors all safety circuits continuously.
- Provides a separate output for car lighting during rescue operations.
- Features a digital programming menu for the unit.
- Works with single-phase power supply (delta machine).
- Protects maintenance technicians by preventing elevator movement when the power is cut off.

Model	U-RSKU-C10	U-RSKU-C16
ARD Dimensions	55 cm x 30 cm x 23 cm	70 cm x 30 cm x 23 cm
Machine Power Rating	10 hp (7.5 KW)	16 hp (12 KW)
Machine Type	Induction gearbox motor (one speed – two speed)	
Door Type	Manual, Semi-Automatic, Full-Automatic	
Operating Voltage	Three-phase (380V or 220V) / (50HZ or 60HZ) One-phase (220V or 110V) / (50HZ or 60HZ)	
Motion Direction	Direction of least current or lightest weight	
CAM / Brakes	65V DC / 75V DC / 85V DC / 110V DC / 220V DC	
Inputs	Stop level Magnet, safety circuits, inspection signal	
Car Lighting	Car rescue lamp (220V / 40W)	
Motor Speed	4 Hz / 6 Hz / 8 Hz / 10 Hz	
ARD Screen	2x16 LCD for programming adjustments, displaying rescue status, indicating malfunctions	
Protection MCB	1P MCB 10A	1P MCB 16A
Number of Batteries	4 Batteries 12V-7AHr SLA	4 Batteries 12V-12AHr SLA
ARD Design	Horizontal	Horizontal

Automatic Rescue Devices

The following table displays the various models of U-RSKU-C, categorized by machine power rating, operating voltage, and door type.

Model	U-RSKU-C10 /380/M	U-RSKU-C10 /380/A220	U-RSKU-C10 /380/A380	U-RSKU-C10 /220/M	U-RSKU-C10 /220/A220	U-RSKU-C16 /380/M	U-RSKU-C16 /380/A220	U-RSKU-C16 /380/A380
ARD Dimensions	55 cm x 30 cm x 23 cm				70 cm x 30 cm x 23 cm			
Machine Power Rating	10 hp (7.5 KW)				16 hp (12 KW)			
Machine Type	Induction gearbox motor (one speed – two speed)							
Door Type	Manual	220V Automatic, Semi-Automatic	380V Automatic, Semi-Automatic	Manual	220V Automatic, Semi-Automatic	Manual	220V Automatic, Semi-Automatic	380V Automatic, Semi-Automatic
Operating Voltage	Three-phase (380V or 220V) / (50HZ or 60HZ)			One-phase (220V or 110V) / (50HZ or 60HZ)		Three-phase (380V or 220V) / (50HZ or 60HZ)		
Motion Direction	Direction of least current or lightest weight							
CAM / Brakes	65V DC / 75V DC / 85V DC / 110V DC / 220V DC							
Inputs	Stop level Magnet, safety circuits, inspection signal							
Car Lighting	Car rescue lamp (220V / 40W)							
Motor Speed	4 Hz / 6 Hz / 8 Hz / 10 Hz							
ARD Screen	2x16 LCD for programming adjustments, displaying rescue status, indicating malfunctions							
Protection MCB	1P MCB 10A			1P MCB 16A		1P MCB 16A		
Number of Batteries	4 Batteries (12V-7AHr SLA)				4 Batteries (12V-12AHr SLA)			

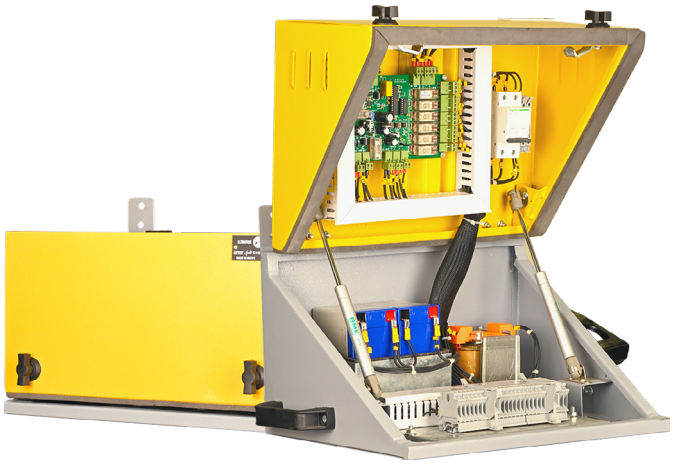
Automatic Rescue Devices

Model	U-RSKU-C20 /380/M	U-RSKU-C20 /380/A220	U-RSKU-C20 /380/A380	U-RSKU-C30 /380/M	U-RSKU-C30 /380/A220	U-RSKU-C30 /380/A380
ARD Dimensions	70 cm x 30 cm x 23 cm			90 cm x 30 cm x 23 cm		
Machine Power Rating	20 hp (15 KW)			30 hp (22.5 KW)		
Machine Type	Induction gearbox motor (one speed – two speed)					
Door Type	Manual	(220V) Automatic, Semi-Automatic	(380V) Automatic Semi-Automatic	Manual	(220V) Automatic, Semi-Automatic	(380V) Automatic Semi-Automatic
Operating Voltage	Three-phase (380V or 220V) / (50HZ or 60HZ)					
Motion Direction	Direction of least current or lightest weight					
CAM / Brakes	65V DC / 75V DC / 85V DC / 110V DC / 220V DC					
Inputs	Stop level Magnet, safety circuits, inspection signal					
Car Lighting	Car rescue lamp (220V / 40W)					
Motor Speed	4 Hz / 6 Hz / 8 Hz / 10 Hz					
ARD Screen	2x16 LCD for programming adjustments, displaying rescue status, indicating malfunctions					
Protection MCB	2P MCB 25A					
Number of Batteries	4 Batteries (12V-12AHr SLA)			6 Batteries (12V-12AHr SLA)		

Automatic Rescue Devices

U-RSKU-H Series

- Compatible with hydraulic motors.
- Simplified installation as a wall-mount or stand-alone device.
- Moves the car down to the nearest floor.
- Fully isolates the main control panel during the rescue process.
- Features a regulated, intelligent, and powerful charging circuit.
- Maximizes battery functionality.
- Monitors all safety circuits continuously.
- Provides a separate output for car lighting during rescue operations.
- Allows connection of a safety siren for both normal and rescue modes.
- Available in two models based on door type: 220 Volt or 380 Volt.machine.



Model	U-RSKU-H/A220	U-RSKU-H/A380
ARD Dimensions	40 cm x 27 cm x 23 cm	
Machine Type	Hydraulic	
Door Type	(220V) Automatic, Semi-Automatic	(380V) Automatic, Semi-Automatic
Operating Voltage	3 Phase (380V or 220V) / (50HZ or 60HZ) 1 Phase (220V or 110V) / (50HZ or 60HZ)	
Board Power Supply	24V AC	
Motion Direction	Down to the level of the nearest floor	
Control Panels	Hydraulic control panel	
Inputs	Stop level Magnet and safety circuits	
Emergency Valve	12V DC / 24V DC	
Car Lighting	Car rescue lamp (12V DC - 6W)	
Emergency Siren	12V DC	
Protection MCB	2P MCB 6A	
Number of Batteries	Two Batteries 12V-7AHr SLA	
ARD Design	Horizontal	

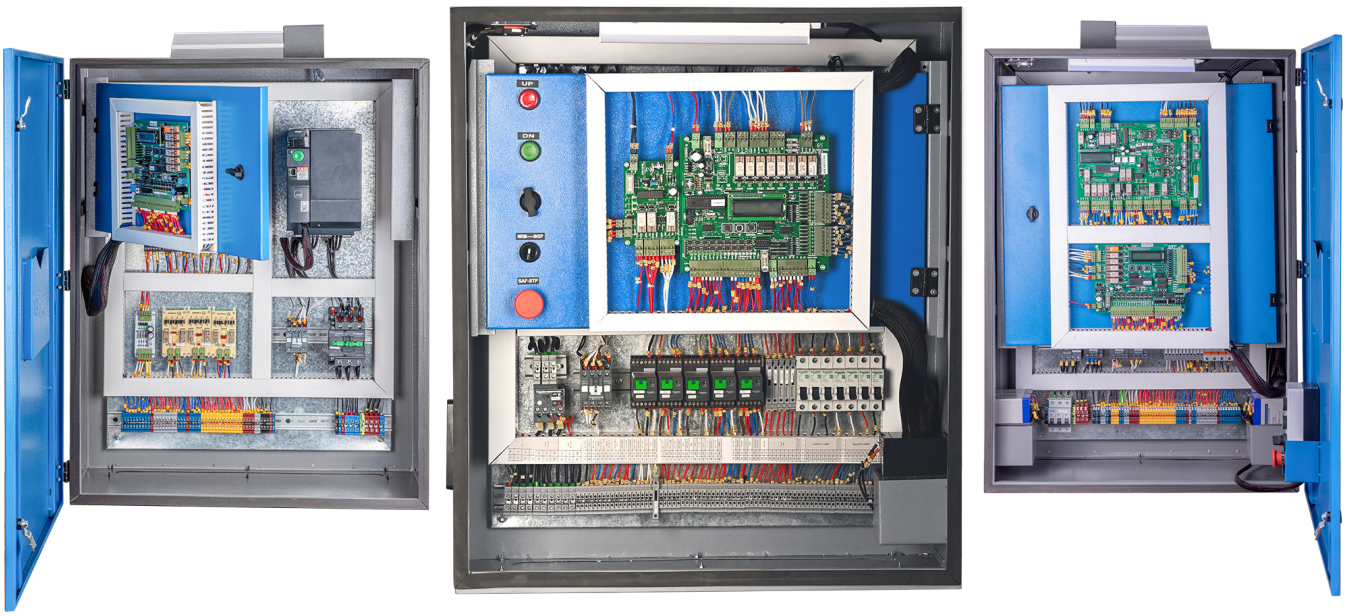
Elevator Control Panels

Conformity with Standards

- Complies with EN81-20, EN81-50, and IEC standards.
- Compatible with all elevator operating systems.

Safety and Protection-Driven Features

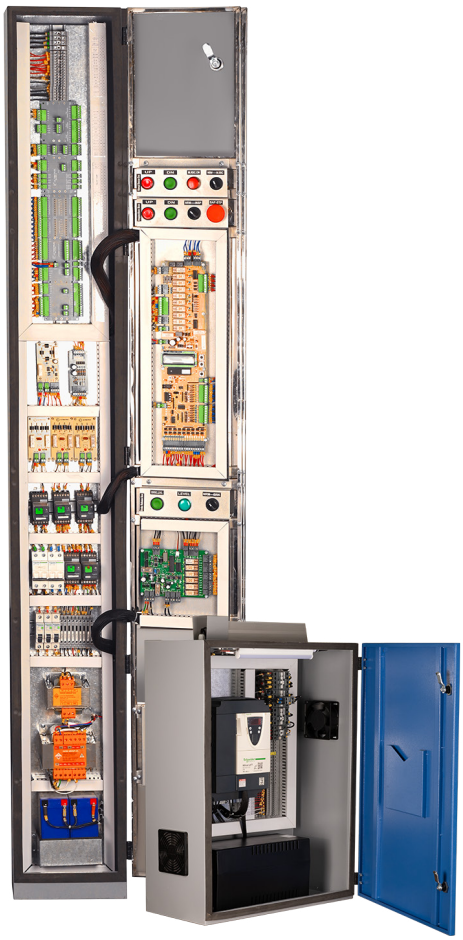
- Continuous monitoring of lock circuits at each stop on all floors.
- Ensures safe landing in cases of overcurrent trips and end of fast time.
- Fire operations feature with programmable floor specification.
- Prevents elevator movement in case of overweight while serving calls on any floor.
- Protects passengers and machinery by correcting direction in the event of phase reversal.
- Constant monitoring of all safety circuits during normal, inspection, and rescue modes.
- Enclosure with an ingress protection rating of up to IP-42.
- Ensures total safety with cord end ferrules and well-tightened wires to avoid short circuits.
- Optimizes passenger privacy with the VIP feature.



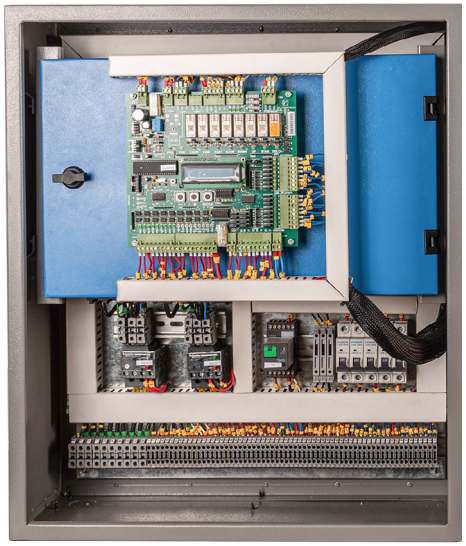
Elevator Control Systems

Efficient Installation and Operational Functions

- Group control operation for up to two lifts (up to 16 stops).
- Car releveling operation at slow speed until reaching the door level again (for hydraulic systems).
- Programming buttons for facilitating elevator car movement in inspection mode.
- Capability to combine serial indicators with other types (7-segment, binary, floor wire).
- Automatic rescue activation with Ultimatrue's automatic rescue board or external UPS, moving the car in the easiest direction.
- Optimized battery utilization for extended durability during rescue mode.
- Manual rescue function allows the operator to move the car to the nearest floor and open the door automatically (for gearless motors).
- Brake release function enables operator-assisted passenger rescue in case of inverter or UPS failure (for gearless systems).
- Numbered wires with specified colors for easy debugging, tracking, and installation.
- Includes panel illumination and cooling fan.
- Panel equipped with an automatically operated fixed lamp via microswitch based on panel door status.
- Simple electrical circuit diagram and user manual included for easy installation and optimal operation.
- Available in custom sizes to meet your project specifications.

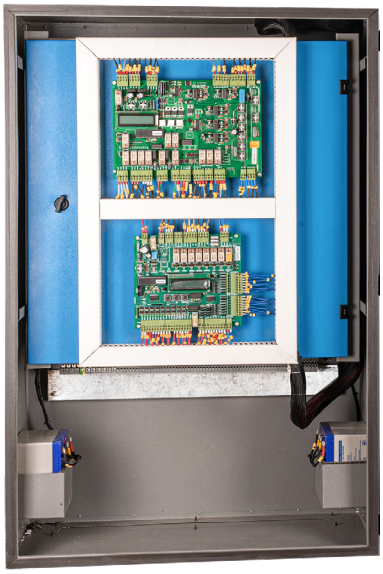


Elevator Control Systems



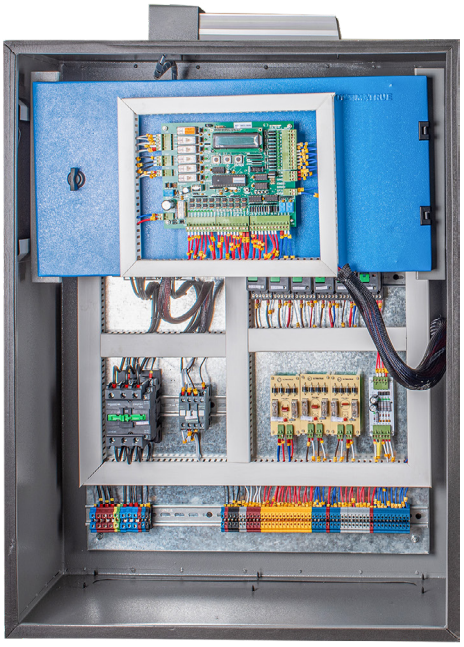
Model	UP-2SC
Panel Dimensions	75 cm x 65 cm x 30 cm
Panel Type	Two-Speed Panel
Machine Type	Two-speed induction motor
Drive Type	Contactors
Control Boards	XC-8 – XC-16
Operating Voltage	Three-phase (380V / 50 Hz)
Number of Stops	Up to 16 stops
Door Type	Manual, Semi-Automatic, Full-Automatic
Car Speed	Up to 1 m/sec
Brake Voltages	(60 – 80 – 110 – 220) V DC
Cam Voltages	(60 – 80 – 110 – 220) V DC
Indicator Type	Binary, 7-segment, floor wire, XD-S
Motor Direction Correction	Built-In phase sequence detection
Inspection Mode	Via programming buttons or external inspection box
Paint Type	Electrostatic
Steel Type	Sheet steel
Protection Degree	IP-42
Installation	Indoor

Elevator Control Systems



Model	UP-2SRC
Panel Dimensions	75 cm x 70 cm x 30 cm
Panel Type	Two-speed panel with ARD
Machine Type	Two-speed induction motor
Drive Type	Contactors
Control Board	XC-8 – XC-16
Operating Voltage	Three-phase (380V / 50 Hz)
Number of Stops	Up to 16 stops
Door Type	Manual, Semi-Automatic, Full-Automatic
Car Speed	Up To 1 m/sec
Brake Voltages	(60 – 80 – 110 – 220) V DC
Cam Voltages	(60 – 80 – 110 – 220) V DC
Indicator Type	Binary, 7-segment, floor wire, XD-S
Motor Direction Correction	Built-In phase sequence detection
Inspection Mode	Via programming buttons or external inspection box
Rescue Mode	Ultimatrue's traction ARD board
Paint Type	Electrostatic
Steel Type	Sheet steel
Protection Degree	IP-42
Installation	Indoor

Elevator Control Systems

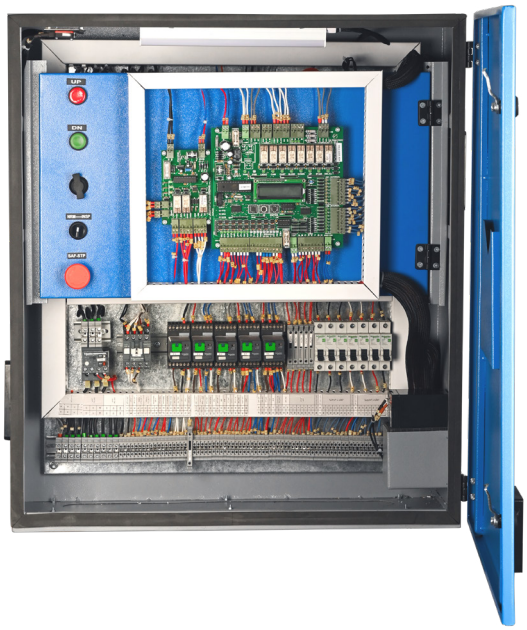


Model	UP-VSC
Panel Dimensions	90 cm x 70 cm x 35 cm
Panel Type	Inverter panel
Machine Type	One-speed or two-speed induction motor
Drive Type	Inverter
Control Board	XC-12 – XC-28
Operating Voltage	Three-phase (380V / 50 Hz)
Number of Stops	Up to 28 stops
Door Type	Manual, Semi-Automatic, Full-Automatic
Car Speed	Up to 1 m/s
Brake Voltages	(60 – 80 – 110 – 220) V DC
Cam Voltages	(60 – 80 – 110 – 220) V DC
Indicator Type	Binary, 7-segment, floor wire, XD-S
Inspection Mode	Via programming buttons or external inspection box
Paint Type	Electrostatic
Steel Type	Sheet steel
Protection Degree	IP-42
Installation	Indoor

Elevator Control Systems

Model	UP-VSRC
Panel Dimensions	100 cm x 70 cm x 35 cm
Panel Type	Inverter panel with ARD
Machine Type	One-speed or Two-speed induction motor
Drive Type	Inverter
Control Board	XC-12 – XC-28
Operating Voltage	Three-phase (380V / 50 Hz)
Number of Stops	Up to 28 stops
Door Type	Manual, Semi-Automatic, Full-Automatic
Car Speed	Up to 1 m/s
Brake Voltages	(60 – 80 – 110 – 220) V DC
Cam Voltages	(60 – 80 – 110 – 220) V DC
Indicator Type	Binary, 7-segment, floor wire, XD-S
Inspection Mode	Via programming buttons or external inspection box
Rescue Mode	Ultimatrue's traction ARD board
Paint Type	Electrostatic
Steel Type	Sheet steel
Protection Degree	IP-42
Installation	Indoor

Elevator Control Systems



Model	UP-HC & UP-HRC
Panel Dimensions	80 cm x 70 cm x 30 cm
Panel Type	Hydraulic panel
Machine Type	Hydraulic motor
Drive Type	Contactors
Control Board	XC-8
Operating Voltage	Three-phase (380V / 50 Hz)
Number of Stops	Up to 8 stops
Door Type	Manual, Semi-Automatic, Full-Automatic
Car Speed	Up to 1 m/s
Cam Voltages	(60 – 80 – 110 – 220) V DC
Indicator	Binary, 7-segment, floor wire, XD-S
Motor Direction Correction	Via XPH-380
Inspection Mode	Via programming buttons or external inspection box
Rescue Mode	Ultimatrue's Hydraulic ARD board
Paint Type	Electrostatic
Steel Type	Sheet steel
Protection Degree	IP-42
Installation	Indoor

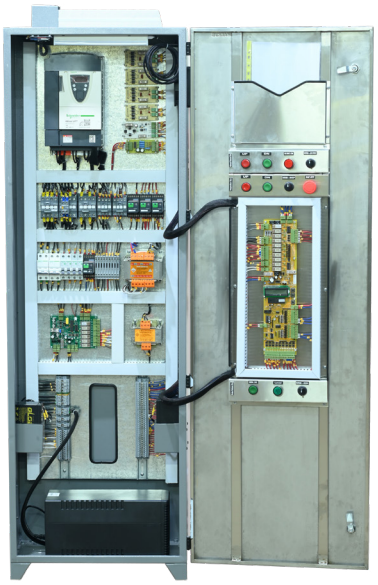
Elevator Control Systems

Model	UP-GLC
Panel Dimensions	145 cm x 40 cm x 30 cm
Panel Type	Gearless control panel
Machine Type	Gearless synchronous motor
Drive Type	Inverter
Control Board	XC-GL
Operating Voltage	Three-phase (380V / 50 Hz)
Number of Stops	Up to 16 Stops
Door Type	Manual, Semi-Automatic, Full-Automatic
Car Speed	Up to 1.6 m/s
Brake Voltages	(60 – 80 – 110 – 220) V DC
Cam Voltages	(60 – 80 – 110 – 220) V DC
Indicator	Binary, 7-segment, floor wire, XD-S
Inspection Mode	Via programming buttons or external inspection box
Manual Rescue Mode	Ultimatrue auxiliary box
Paint Type	Electrostatic
Steel Type	Sheet steel
Protection Degree	IP-42
Installation	Indoor

Elevator Control Systems

Model	UP-GLRC/UPS
Panel Dimensions	140 cm x 55 cm x 30 cm
Panel Type	Gearless / Gearbox control panel with ARD
Machine Type	Gearless / Gearbox synchronous motor
Drive Type	Inverter
Control Board	XC-GL
Operating Voltage	Three-phase (380V / 50 Hz)
Stops	Up to 16 stops
Door Type	Manual, Semi-Automatic, Full-Automatic
Car Speed	Up to 1.6 m/s
Brake Voltages	(60 – 80 – 110 – 220) V DC
Cam Voltages	(60 – 80 – 110 – 220) V DC
Indicator Type	Binary, 7-segment, floor wire, XD-S
Inspection Mode	Via programming buttons or external inspection box
Automatic Rescue Mode	UPS
Manual Rescue Mode	Ultimatrue's auxiliary box
Paint Type	Electrostatic
Steel Type	Sheet steel
Protection Degree	IP-42
Installation	Indoor

Elevator Control Systems

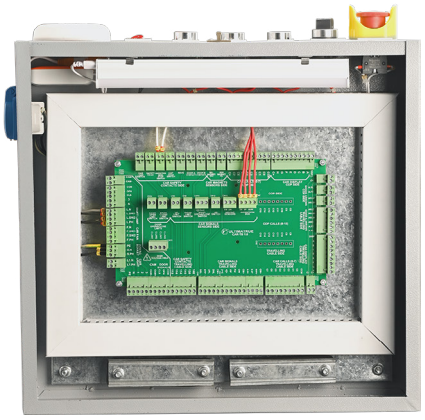


Model	UP-GLRC/BRL
Panel Dimensions	165 cm x 55 cm x 30 cm
Panel Type	Gearless control panel with ARD and Brake Release Unit
Machine type	Gearless synchronous motor
Drive type	Inverter
Control board	XC-GL
Operating voltage	Three-phase (380V / 50 Hz)
Stops	Up to 16 stops
Door type	Manual, Semi-Automatic, Full-Automatic
Elevator car speed	Up to 1.6 m/s
Brake voltages	(60 – 80 – 110 – 220) V DC
Cam voltages	(60 – 80 – 110 – 220) V DC
Indicator Type	Binary, 7-segment, floor wire, XD-S
Inspection Mode	Via programming buttons or external inspection box
Automatic Rescue Mode	UPS
Manual Rescue Mode	Auxiliary Unit
Brake Release Unit	BRL Auxiliary Unit
Paint Type	Electrostatic
Steel Type	Galvanized steel with stainless steel door
Protection Degree	IP-54
Installation	Outdoor

Brake Release Unit

- Compatible with all gearless motors and systems.
- Serves as a reliable backup for passenger rescue, ensuring uninterrupted functionality and peace of mind for passengers and building owners.
- Capable of performing electrical rescue operations independently in the event of inverter or UPS failure.
- Electrically opens the mechanical brake by an authorized person to move the car in the easiest direction to the nearest floor level using the moment of inertia based on load weight.
- Opens the automatic door for safe passenger exit.
- Monitors the complete door-lock circuits.
- Embedded indicators provide feedback on the rescue operation, including the completion of safety circuits, brake status (open or closed), and whether the elevator car has reached the landing door zone.
- Ensures full isolation of the main control panel during the rescue process.
- Features a regulated, intelligent, and powerful charging circuit.
- Maximizes battery functionality with easy battery replacement.
- Provides a separate output for car lighting during the rescue operation.
- Offers an option to connect a safety siren for both normal and rescue modes.
- Simplified installation as a wall-mount or stand-alone device.

Model	U-BRL
Unit Dimensions	44 cm x 30 cm x 23 cm
Machine Type	Gearless motors
Door Type	Semi-Automatic, Full-Automatic
Operating Voltage	Three-phase (380V or 220V) / (50HZ or 60HZ) One-phase (220V or 110V) / (50HZ or 60HZ)
Board Power Supply	24V AC
Motion Direction	Direction of nearest floor
Control Panels	Gearless control panel
Inputs	Stop level magnet and doors-lock circuits
Car Lighting	Car rescue lamp (12V DC - 6W)
Emergency Siren	12V DC
Protection MCB	2P MCB 6A 1P MCB 6A
Number of Batteries	Two batteries 12V-7AHr SLA
Unit Design	Horizontal



Shaft Inspection Unit

- Simplified design with optimized dimensions for easy integration.
- Traveling cable connections are made via an electronic board, replacing traditional terminal blocks for enhanced efficiency.
- The connection board is split into two isolated sections, ensuring low-voltage circuits (12V/24V) are separated from high-voltage (220V) terminals, preventing interference and confusion.
- Clear, printed connection symbols on the board allow for faster and more accurate connections.
- Includes an external 220V socket with a protective cap, capable of handling high current for technicians during installation and maintenance.
- Equipped with external 9W LED spotlight lighting, controlled by a separate on-off switch, for convenient shaft inspection.
- Designed with a dedicated space for gong installation and connection.
- Internal lighting system with a separate on-off switch for quick control during inspections.
- Emergency safety stop installed with a protective shroud for enhanced safety.
- High-quality, color-highlighted inspection switches for easy identification.
- Pre-wired components within the inspection box, numbered and ready for operation, saving time during installation.
- Traveling cables are securely held by durable galvanized steel strap saddles, fitted with rubber for added protection.
- Inspection box features a smart, practical lock and is designed for easy opening and closing.

Model	U-IU
Unit Dimensions	47 cm x 43 cm x 11 cm
System Compatibility	All
System Operating Voltage	Three-phase (380V or 220V) / (50HZ or 60HZ) One-phase (220V or 110V) / (50HZ or 60HZ)
Control Panels	All
Shaft Lighting	9W / 220V AC Spotlight
Internal Lighting	6W / 220V AC Spotlight
Socket	220V / 16A

Elevator Control Systems

COP and LOP Solutions

- Economical solution minimizing the need for at least seven terminals in the traveling and floor-fixed cables.
- Integrated arrows display the motion direction.
- Displays system failures, malfunctions, and control board status.
- Password system powered by the U-AXS or D-AXS series for secure access.
- LOPs feature two call buttons for duplex and selective collective systems.
- Available in various designs, styles, and dimensions for COPs and LOP.

Model	U-CLOP/F	U-CLOP/S
System Type	Ultimatrue Control System	
Indicator Type	Serial Dot Matrix XD-SMDS Programmable Dot Matrix XD-SMDP	
Indicator Color	Red / White	
COP Indicator Dimensions	11 cm x 7 cm x 0.8 cm	
LOP Indicator Dimensions	6 cm x 9 cm x 0.8 cm	
COP Password System	Ultimatrue U-AXS	
Destination Floor Password System	Ultimatrue D-AXS up to 24 Stops	
Indicators / Password System Supply Voltage	12V DC	
Calls Button of COP	Up to 28	
Calls Button of LOP	Up to 2	
Calls Supply Voltage	12V DC / 24V DC	
Button Style	Round / Square	
Button Color	Silver / Gold	
Button Light Color	White / Red	
Braille Footprint	√	
Fan On/Off Switch	√	
Light On/Off Switch	√	
Auto Door Fast Open and Fast Close	√	
Emergency Car Stop	√	
Intercom Call Switch	√	
Emergency Light	√	
Over Weight Indication	√	
Mounting Type	Half-Surface	
Mounting Style	Vertical	
Frame Material Type	Stainless	
Frame Color	Black	Silver / Gold
Surface Material Type	Acrylic / Stainless	Acrylic
Surface Color	Black / Gold	Black
COP Dimensions	100 cm x 17 cm	100 cm x 17 cm
LOP Dimensions	28 cm x 8 cm	25 Cm x 9 Cm

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