



Elevator Systems & Components

www.vesnaasansor.com.tr

www.vesnahomelift.com



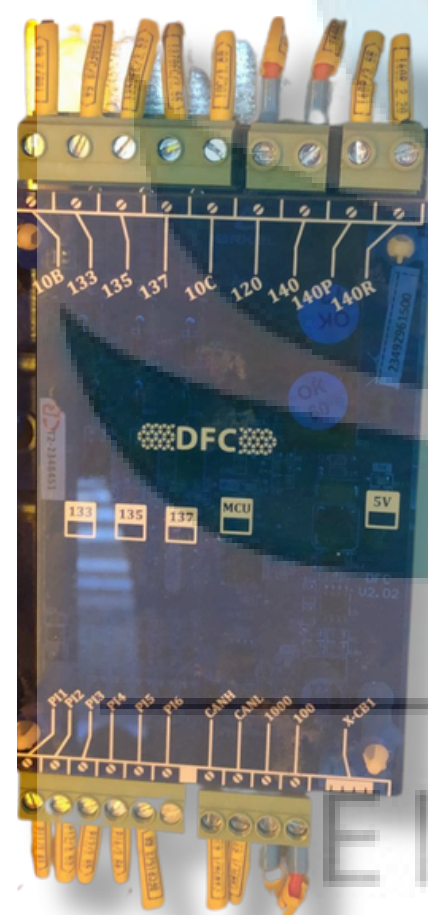
CONTROL PANELS





ARCODE
INTEGRETED- DRIVE

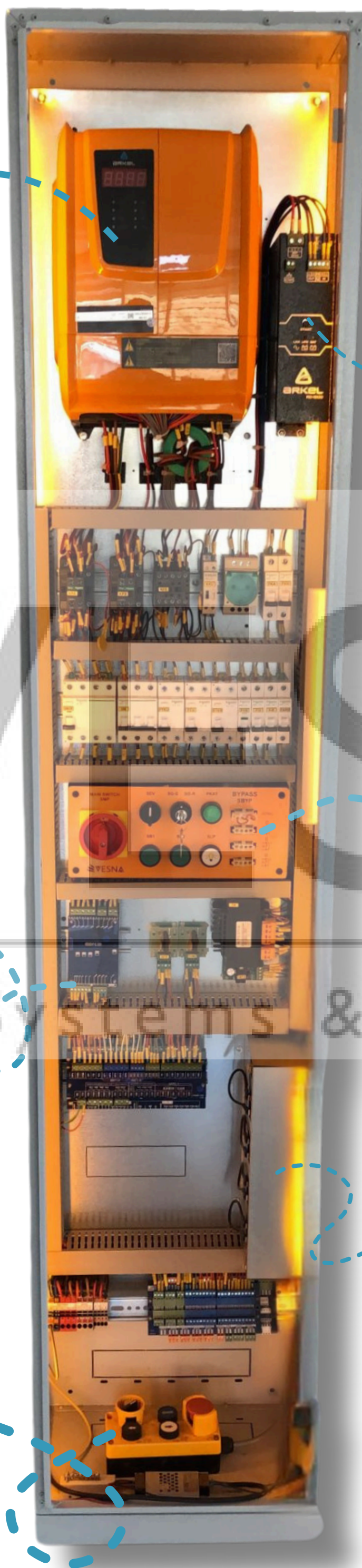
FILTER



DFC
EN 81-20/50
DOORS DOUBLE CONTACT CONTROL



HAND INSPECTION TERMINAL



ARD (AUTOMATIC RESCUE DEVICE)

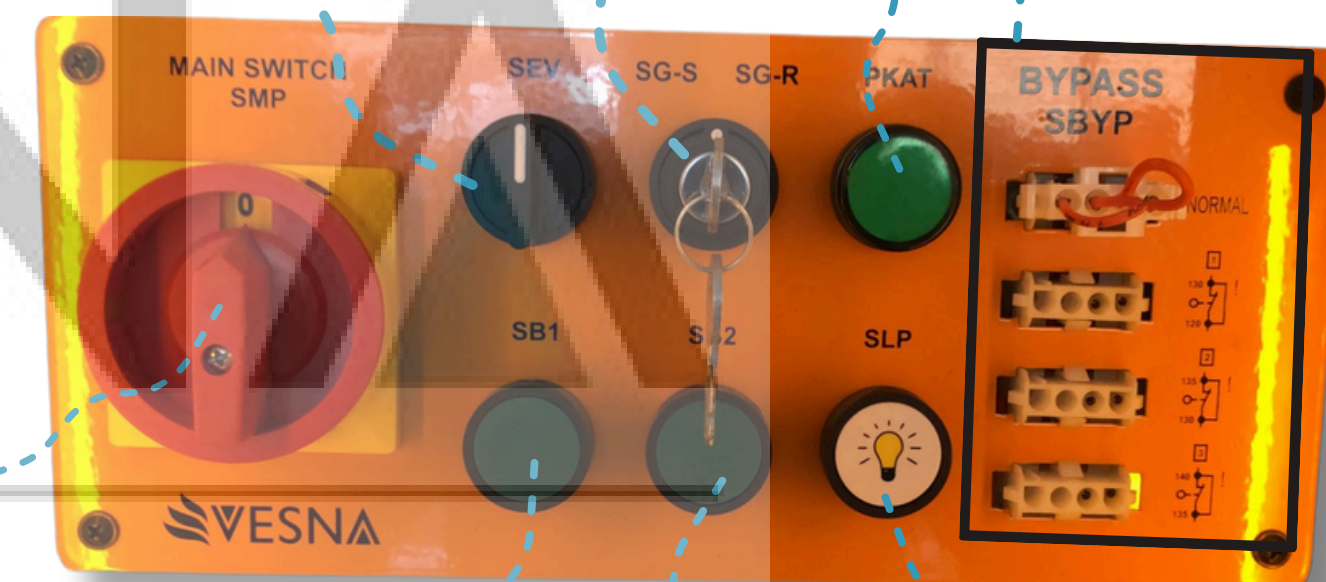
SPEED GOVERNOR
(SET & RESET)

BYPASS SBYP
DOOR BRIDGING

MACHINE EMERGENCY
BRAKE KEY

FLOOR
LEVELING LAMP

POWER SWITCH



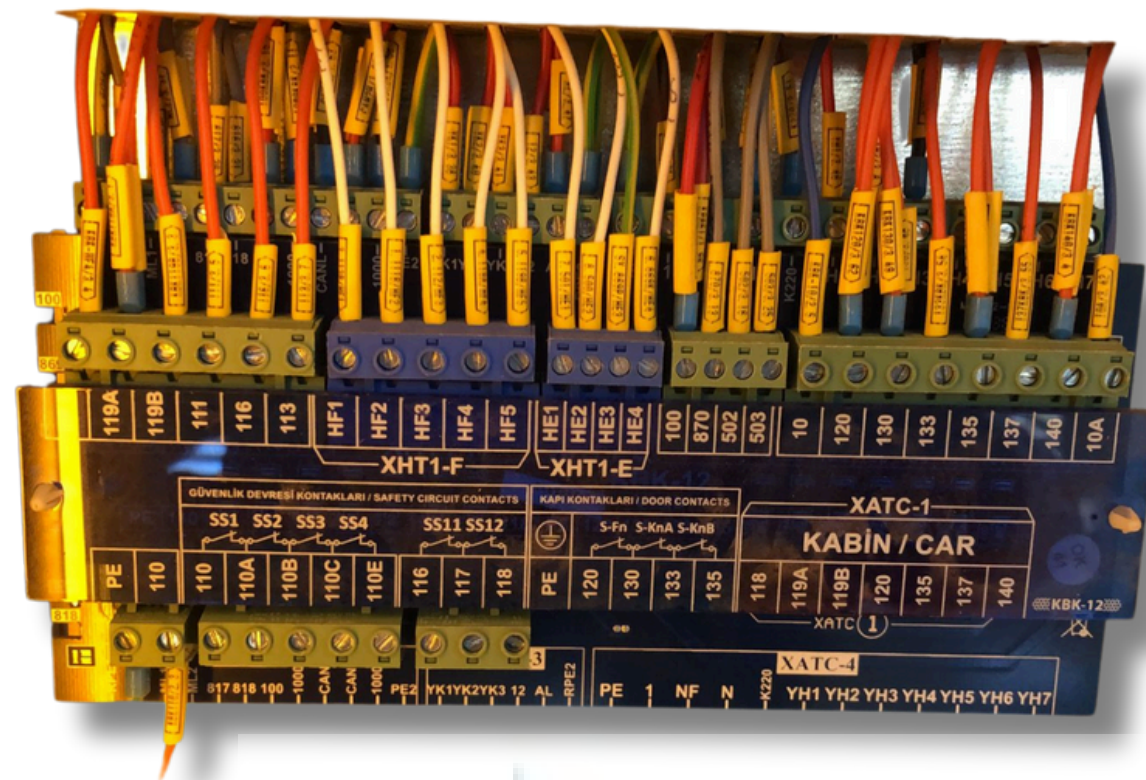
BRAKE 1

BRAKE 2

SHAFT LIGHT BUTTON

BATTERIES (60VDC)
12 VDC 12AH * 5

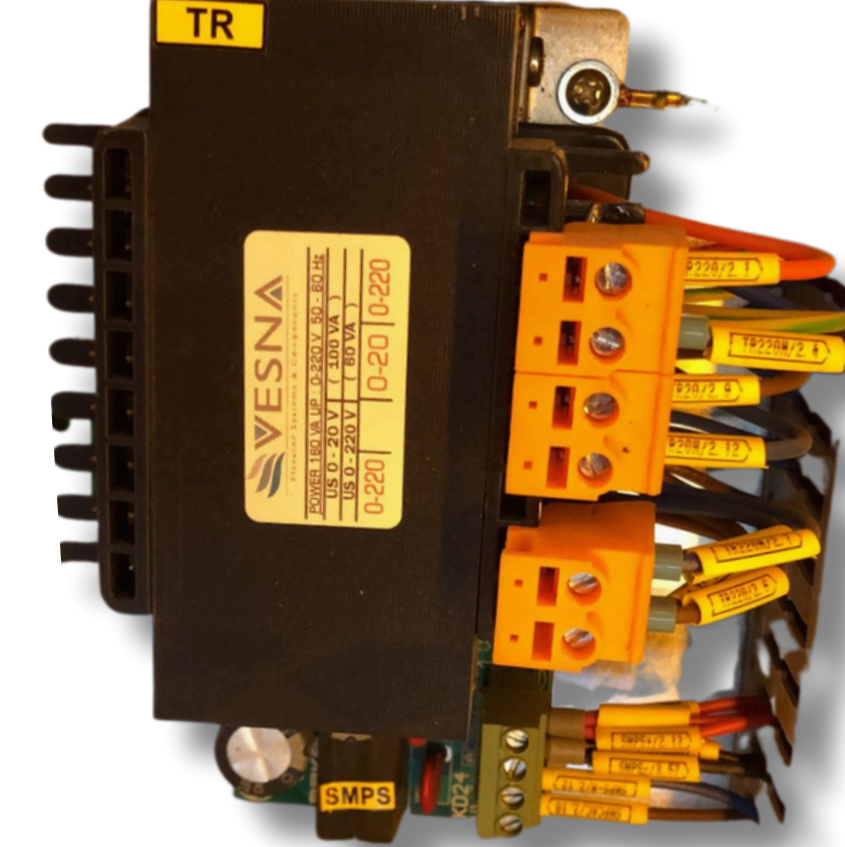




KBK-12 KBK-13
(PLUG & PLAY CONNECTION BOARD)



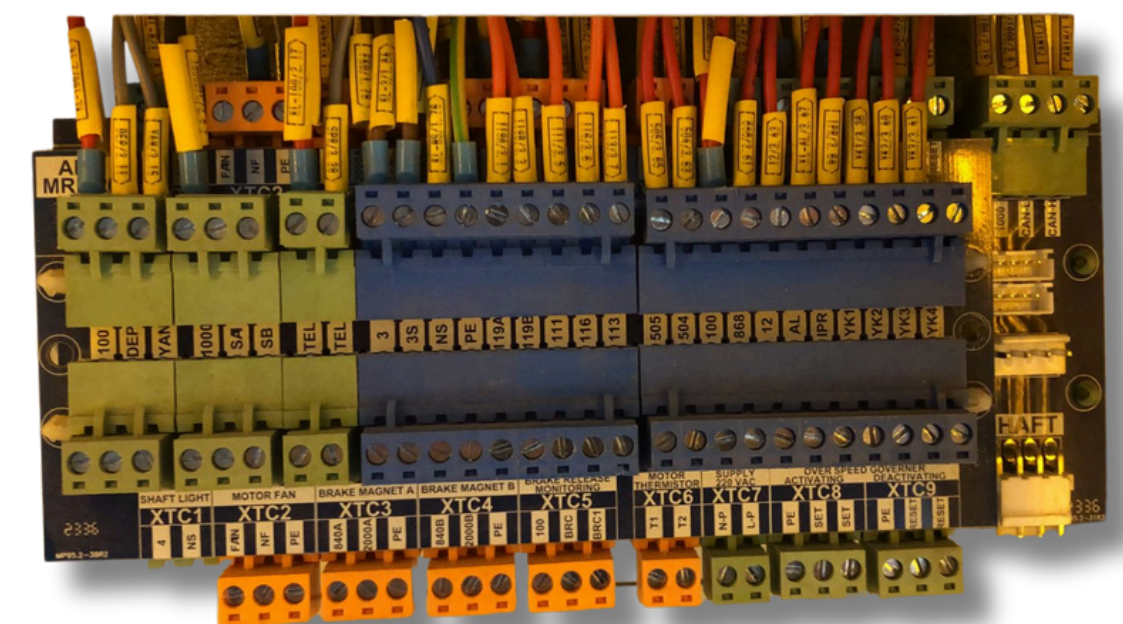
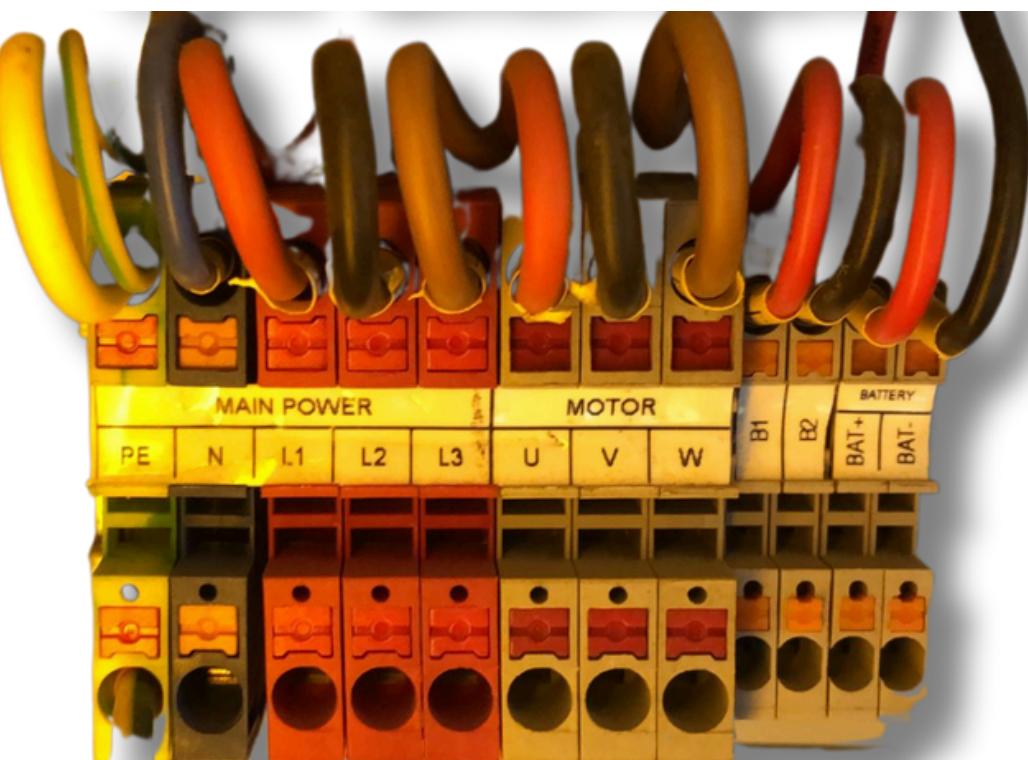
MAIN POWER INPUT & OUTPUT



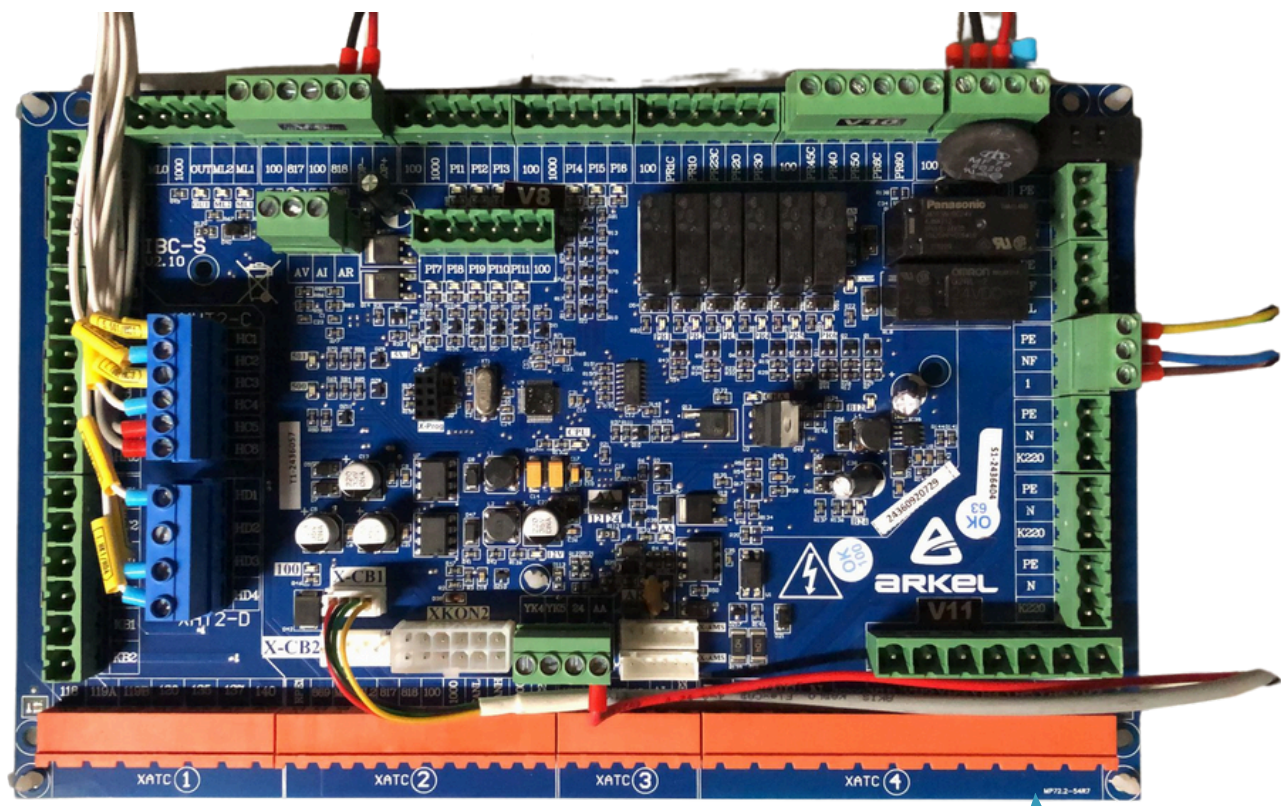
TRANSFORMER (COPPER WINDING)



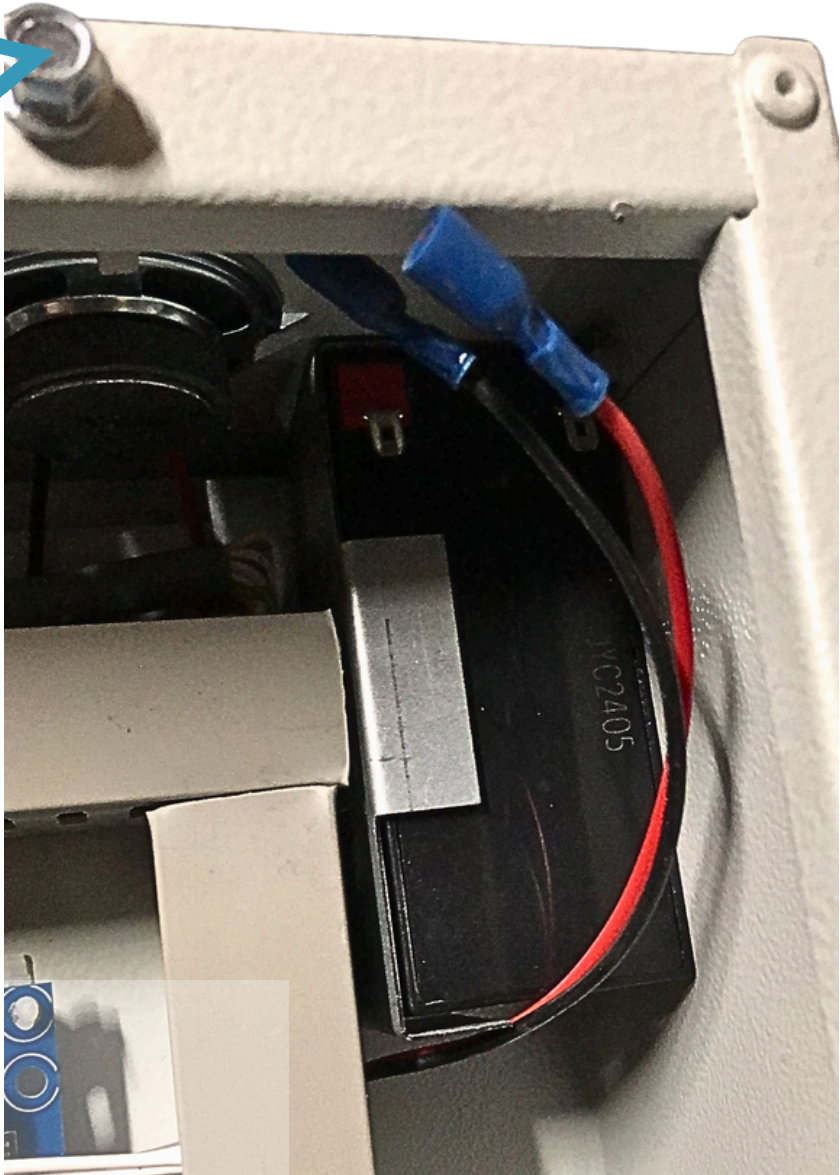
ARM (HANDTOOL)



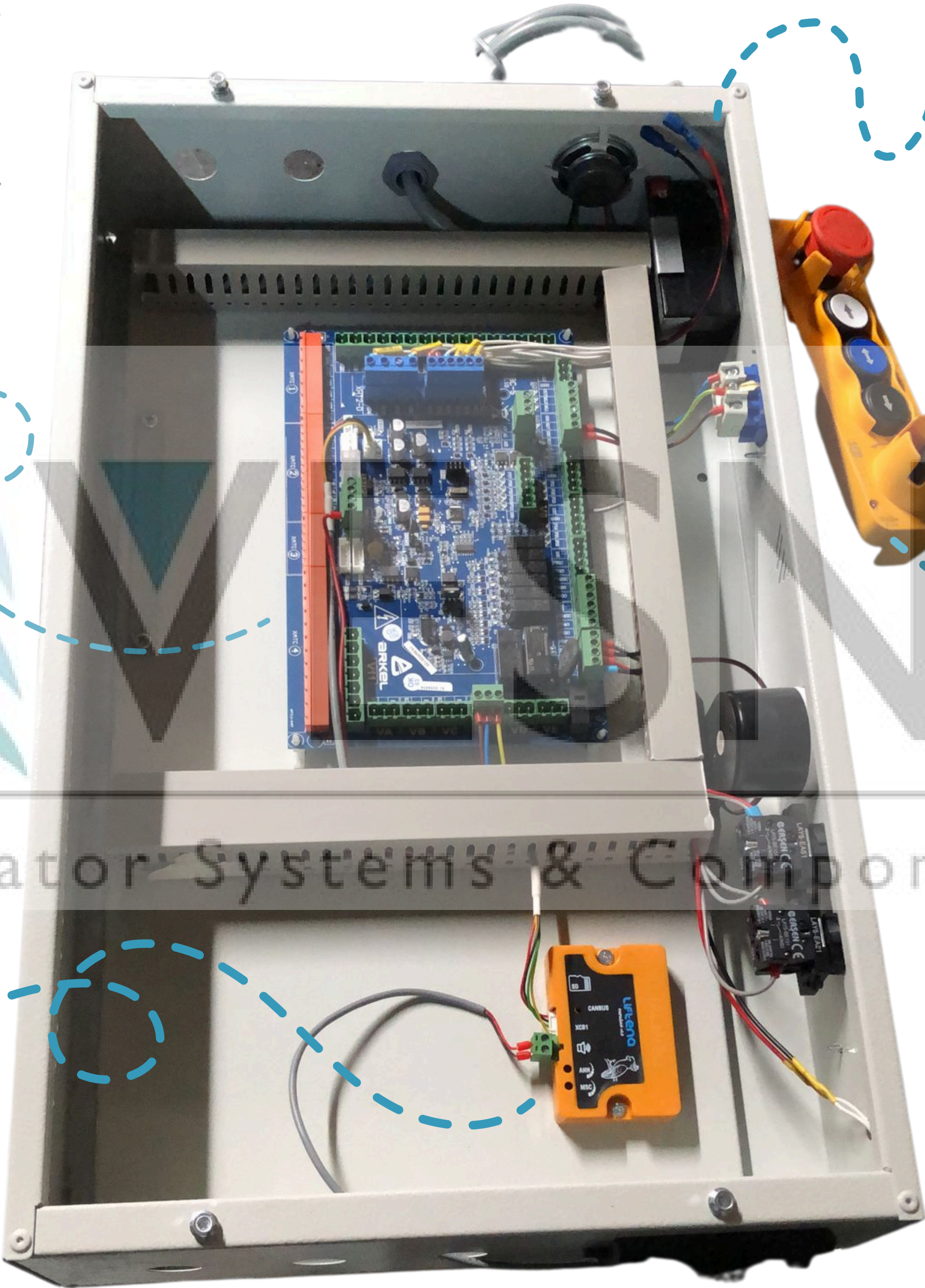
PLUG & PLAY
VESNA BOARD



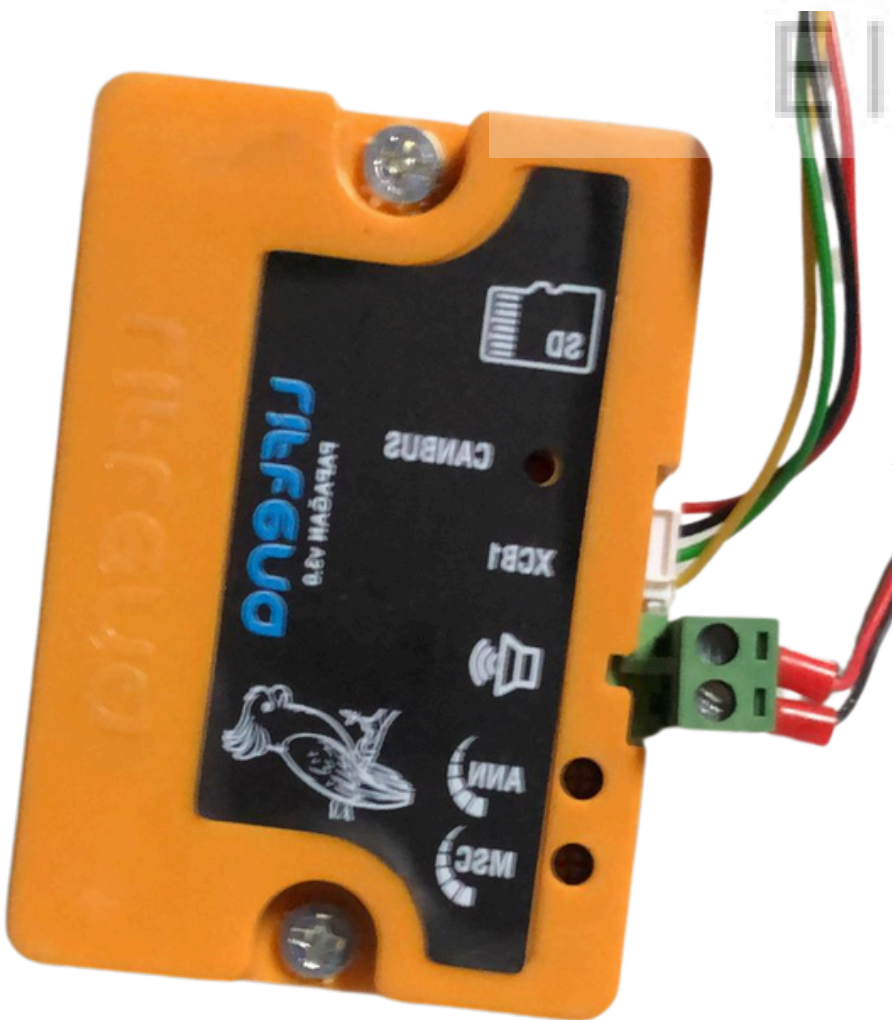
CAR TOP INSPECTION BOARD



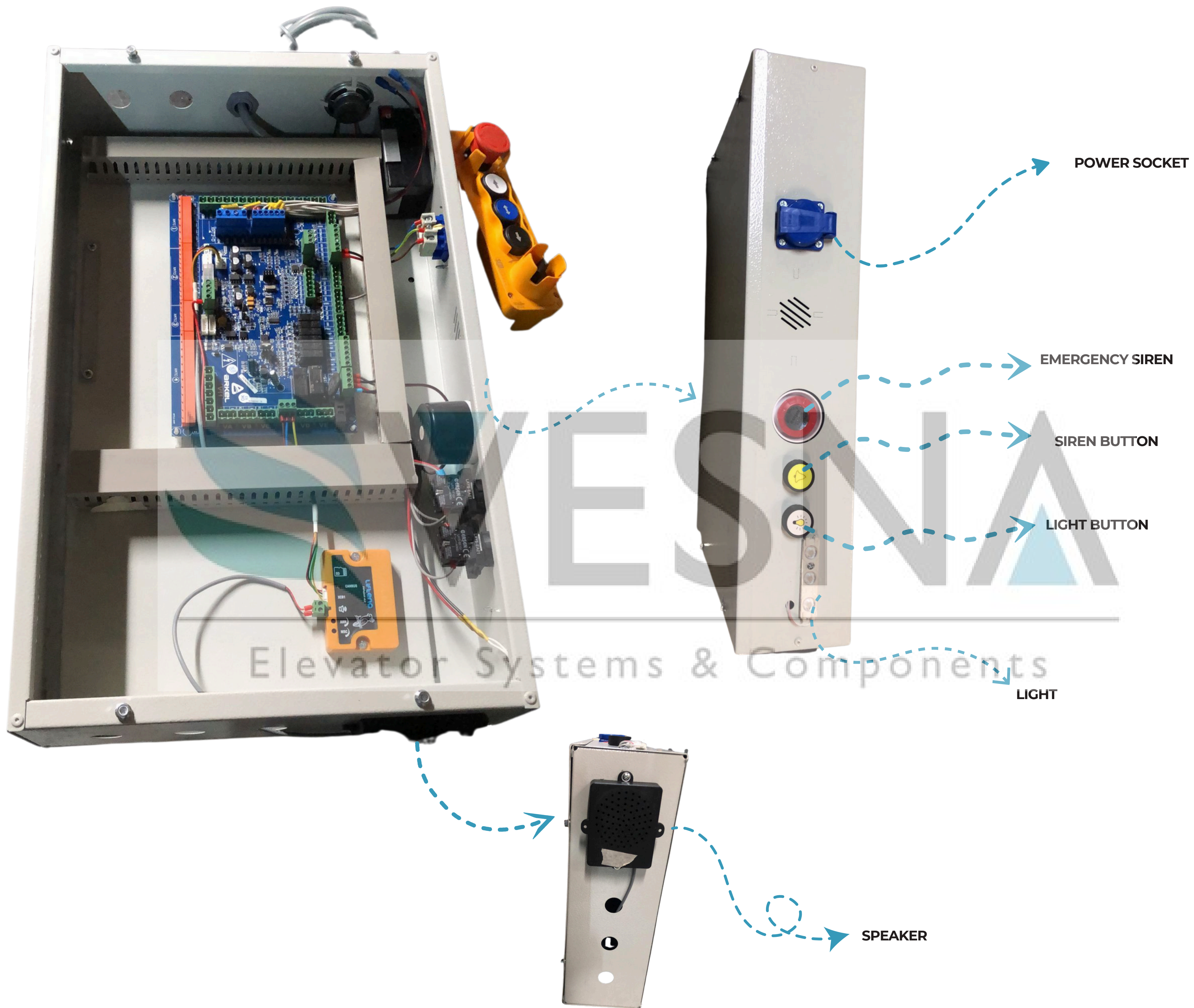
12V BATTERY (EMERGENCY FOR CABIN LIGHT)



(MP3) VOICE ANNOUNCEMENT



HAND INSPECTION TERMINAL





PIT BOX CABLES



FLEXIBLE CABLE



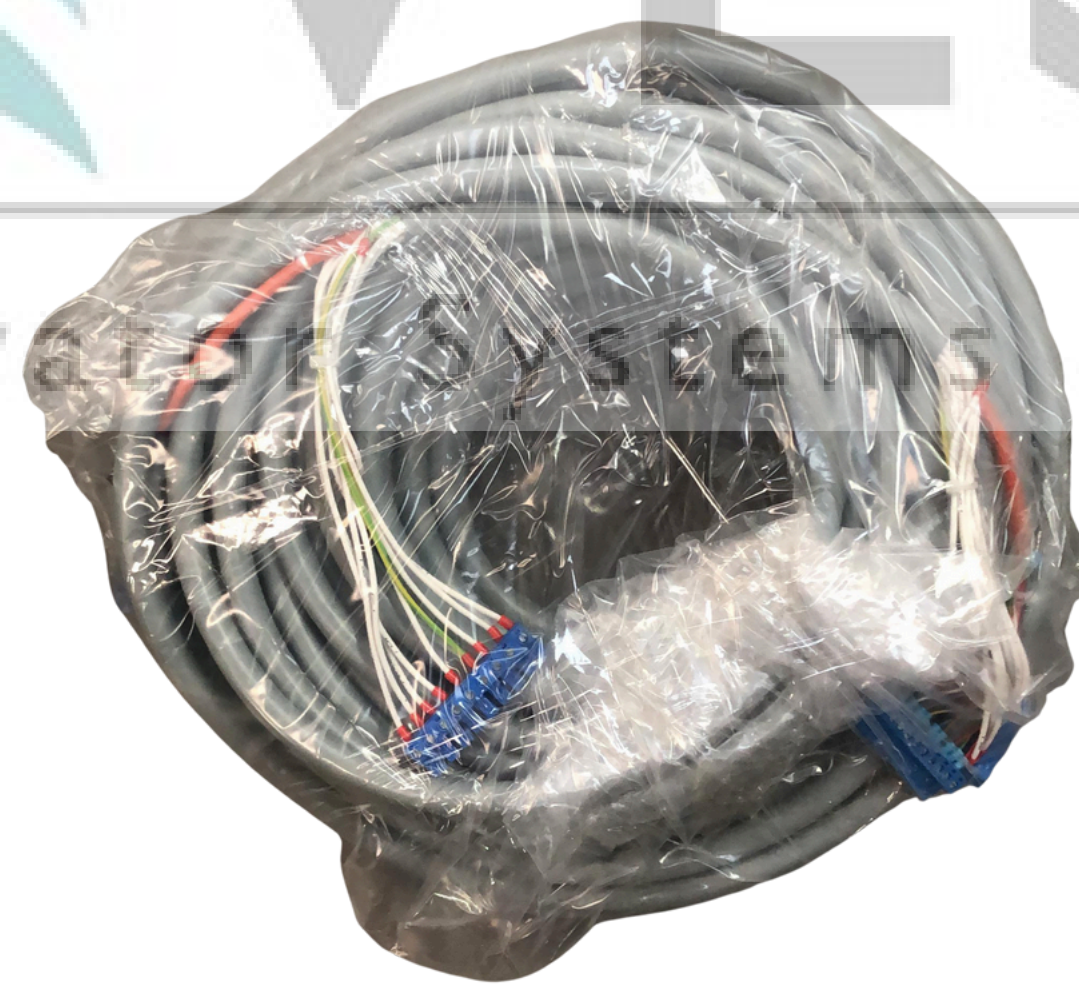
CAR TOP BOX CABLES



SHAFT LIGHT CABLES



HALL DOORS LOCK CABLE



PIT CABLES



MACHINE ROOMS CABLES



MACHINE POWER CABLES (7 MT)



SHAFT LIGHTING



STOP SWITCH



CABIN DOWN ALARM



FINAL LIMIT SWITCH



PIT RESET SWITCH



PIT INSPECCION BOX



BRAEK RESISTOR



MONOSTABLE



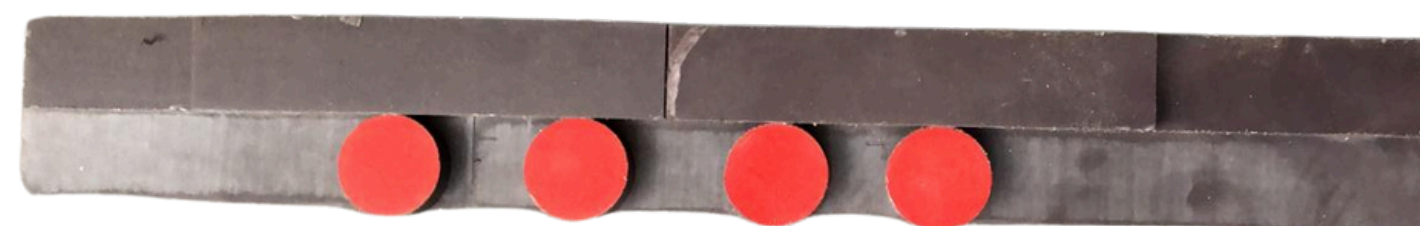
BISTABLE



LED STRIP



SHAFT LAMP WITH BULB



MAGNETS

- . Fiksibil Kablo
- . CANbus Testisan
- . Fiy-kilit Testisan
- . Kuyu Dibi Testisan
- . Kuyu Aydinalma

- . Travelling Cable
- . CANbus Wiring
- . Door Contact Wiring
- . Pt Wiring
- . Shaft Lighting



Elevator Systems & Components



Elevator Systems & Components

VESNA CONTROL PANEL GENERAL FEATURES

User Type

New elevators
The Modernization

Motor Types

Synchronous (gearless) machine
Asynchronous (geared) machine.

Drive system Type

Machine Room. MR. (with Geared or Gearless)
without machine room. MRL. (Gearless).

Power Supply

AC 3 Ph., 420-320V, 60/50 Hz
AC 3 Ph., 240-200V, 60/50 Hz.
AC 1 Ph., 240-200V, 60/50 Hz.

Control Panel location

Inside (In Machine Room) or outside
the shaft (on the Landing Floor).

Software update

With AREM, all units can be updated quickly and
reliably at once

Elevator Speed

Up to 4 m/s.
(Maximum)

Max.Group operation

Up to 8 elevators.
(Maximum)

Max. Number of Stops.

Machine Room. MR. (with Geared or Gearless)
without machine room. MRL. (Gearless).

Cabin installation

With pre-wired CANbus serial
communication.

Floor installation

In serial communication, Pre-wired, CANbus.
In parallel installation (up to 16 stops with optional
parallel installation card).

Cabin position information

With incremental Machine Encoder.
With absolute value Machin Encoder.

Door Control

Independent automatic door
control according to stops with
2 Cabin Door support.

Automatic Bringing to Floor

1-Faz 220VAC UPS Accumulator
Group Connection

Encoder Type

Incremental Encoder (5V TTL or 10-30V HTL),
Absolute Encoder (EnDat, SSI, SinCos or BISS)

Automatic Settings

Motor Learning / Teaching.
Shaft Learning / Teaching.
Learning Control PIDs.

Preventing of Rollback at starting

Front-torque Function (with analog load data taken
from load cell). Holding function during take-off
(without any external load cell)

HandTool Terminal (AREM)

User-friendly and multi-language color TFT screen
Ability to control the system from any point
on CANbus.

Additional features

Cabin position information with incremental or absolute value motor encoders
Independent door controls for each stop with 2 door supports
Motor recognition / Pit Recognition / Automatic settings with capability of learning control gains
Excellent travel comfort thanks to direct landing.
Internal EMI filter
Internal DC shock
Internal relays for transferring between system and emergency feeding
Pre-opening of doors and fast take off (with optional door bridging module)
Digital pit learning / short floor trips without any additional setting and hardware
High stopping accuracy
110-230VAC safety circuit voltage
Energy saving mode
Programmable entrances and exits
Lift test menu



Order Information											
Company name:											
Panel Qty:											
Elevator Information											
Panel Type: Gearing (Asynchronous) ☐ Gearless (synchronous) ☐ Double Speed ☐ Hydraulic ☐											
Bringing to Floor ☐ UPS ☐ Servosan - Battery ☐ MIPower ☐ Other 											
Control panel informations			Standard Information		Card Model		Driver Model		Unit Information		
Panel Power :	 kW	En81-1.2	☐	Arkel	☐	Arkel Adrive	☐	Motor Power	 A.		
Motor Current :	 A.	En81-1.2+A3	☐	Mikrolift	☐	Arkel Arcode	☐	Single Phase	 Vac.		
Speed :		En81-20/50	☐	Konel	☐	Fuji FrenicLift	☐	Three Phase	 Vac.		
Stops :		En81-70	☐	Hedefsan	☐	Iastar As320	☐	Valve Type	 Vdc.		
Floors :		En81-72	☐	Eksellift	☐	Iastar As380s	☐	Number of Valves	 Ad.		
Group Type :		Gost-R	☐	Model	☐	lift	☐				
Brake :	 Vdc			No:		Other					
Machine Room Information						Panel Dimensions					
Machine Room	Yes ☐	No ☐				200*40*28 MRL	☐	120*65*28 MR	☐		
Serial Communication	Yes ☐	No ☐				200*50*28 MRL	☐	130*60*25 MR	☐		
Pre-wiring	Yes ☐	No ☐				200*20*20 MRL	☐	Other			
Parallel Installation	Yes ☐	No ☐									
Pre-wiring System Information											
Distance Between Machine Room and Control Panel						Distance Between Last level Floor and Machine Room					
Elevator Total Travel Distance						Pit					
Shaft Total Distance						Floor Distance					
Cabin Button Information											
Genemek	☐	Butkon	☐	Ametal	☐	Other					
7 Segment	☐	Dot-Matrix	☐	Lcd	☐	Other					
Full size	☐	Half Length	☐	Cabin Button Model No							
Floor Button Information											
Genemek	☐	Butkon	☐	Ametal	☐	Other					
7 Segments	☐	Dot-Matrix	☐	Lcd	☐	Other					
Over Door Indicator	☐	Door Side Indicator	☐	Voice Announcement ☐							
Model		Model		Floor Button Model							
Door Type and Floor Signs											
Fully Automatic Door ☐ Semi-Automatic Door ☐											
A Door ☐ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24											
B Door ☐ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24											
Shipment Information											
Order date				Order No							
Desired Shipment Date				Work Order No							
APPROVAL OF SALES REPRESENTATIVE				CUSTOMER APPROVAL							
NAME SURNAME				NAME SURNAME							
SIGNATURE				SIGNATURE							
Explanation:											
Not:											
.....											
.....											
.....											
Order Forms Without Approval Will Not Be Produced...											



EUROPEAN STANDARD LIFTS



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