

230_{VAC}24_{VDC}

ZED ZED24

COUNTERWEIGHT GARAGE DOORS RESIDENTIAL | COMMERCIAL USE

new electronic control unit with incorporated receiver and encoder

up to 12.5 m² (16 m² with two motors)

DESIGNED TO COMPLY WITH EUROPEAN SAFETY STANDARDS

Electromechanical irreversible geared motor for tilt up doors with counterweights for residential use. Available in the 230 Vac and 24 Vdc versions with or without control unit. Built-in courtesy light, limit switch and control buttons.

230 Vac

- Irreversible 230 Vac electromechanical geared motor also available in the ZED.LRIE version for large doors
- The encoder device ensures crush prevention and precision in the door moving phases
- Quieter thanks to the new control unit with autotransformer created to reduce door vibrations to a minimum

24 Vdc | intensive use

- Irreversible 24 Vdc electromechanical geared motor for intensive use
- Optional battery powered operation
- Amperometric sensor obstacle detection system to prevent crushing



CONTROL UNITS:

ZED.RIE ——— CP.ZED-AUTR

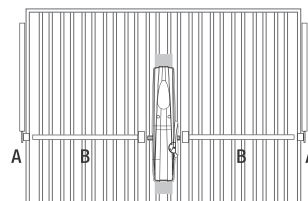
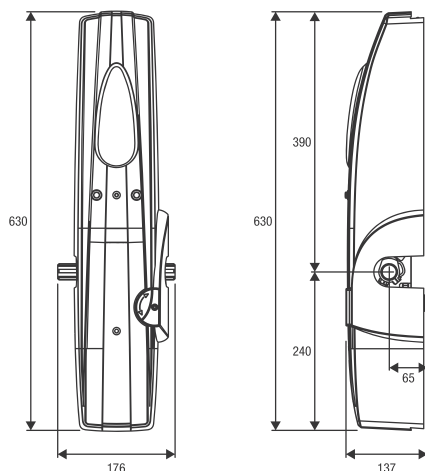
ZED.SC ——— LOGICA

ZED.LRIE ——— CP.ZED-AUTR

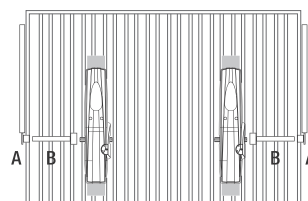
ZED.LSC ——— LOGICA

ZED24.RI ——— CP.ZED24

ZED24.SC ——— LOGICA24



Central Assembly	A*	B
Without welding	AU2.DNS	AU.45Z / AU.45ZL
With welding	AU2.D / AU2.C	AU.45Z / AU.45ZL



Lateral Assembly	A*	B
Without welding	AU2.D45 / AU2D.45 L	---
	AU2.DNS	AU2.45T
With welding	AU2.D / AU2.C	AU2.45T / AU.45B

* The arm is determined according to the type of installation

**AU.125**

1,250 mm mounting plate.

AU.20

1,950 mm mounting plate.

**AU.65**

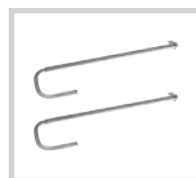
650 mm mounting plate.

**AU2.DNS**

Pair of straight arms with cylindrical bush Ø 30,5 mm to mount control unit without welding (L=600mm).

**AU2.D**

Pair of straight galvanised arms complete with accessories for fastening, without bush (L=600 mm).

**AU2.C**

Pair of curved galvanised arms complete with accessories for fastening, without bush.

**AU2.D45**

Pair of straight galvanised arms with grooved bush Ø 21,2 mm welded, complete with accessories for fastening (L=600 mm).

**AU2.D45L**

Pair of straight galvanised arms with grooved bush Ø 21,2 mm welded, complete with accessories for fastening (L=2000 mm).

**AU.45Z
AU.45ZL**

Pair of galvanised pipes with grooved bush Ø 21,2 mm L. 1,500 mm (AU.45Z) and L. 2,000 mm (AU.45ZL) complete with accessories (central Assembly).

**AU2.45T**

Pair of galvanised pipes L. 150 with grooved bush Ø 21,2 mm welded, complete with accessories (lateral assembly).

**AU.45B**

Grooved bush Ø 21,2 mm with M6 fastener hole.

**AU.45BL**

Grooved bush Ø 21,2 mm with ø 30 mm cylindrical profile. Includes M8 fastener holes and ø 10 mm through holes. L = 80 mm.

**ZED.MS**

Wire manual unlock device.

**ZED.E**

External release unlock device (to be used on lateral mounting).

**ZED.SE**

Outdoor unlock device (for central mounting).

**MAG.E**

Magnetic sensor device to detect obstacles and manage deceleration.

**CABLE.24E**

Cable reel with 5 conductors (2 for motor, 3 for encoder) for connecting the encoder device in the 24 Vdc versions. L= 100 m.

**XLB.L**

Flashing light with 24 Vdc power supply. Intermittent or fixed signal lighting can be selected.

**SMART**

Cover compatible with TO.GO transmitters for internal wall mounting.

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TECHNICAL DATA	ZED.RIE	ZED.SC	ZED.LRIE	ZED.LSC	ZED24.RI	ZED24.SC
Power supply	230 Vac (50-60Hz)	---	230 Vac (50-60Hz)	---	230 Vac (50-60Hz)	---
Motor supply	230 Vac	230 Vac (50-60Hz)	230 Vac	230 Vac (50-60Hz)	24 Vdc	24 Vdc
Max absorbed current	1.5 A	1.5 A	1.4 A	1.4 A	1 A	8 A
Torque	350 Nm	350 Nm	330 Nm	330 Nm	260 Nm	260 Nm
Opening time	14"	14"	22"	22"	10" ÷ 15"	10" ÷ 15"
Duty cycle	30%	30%	30%	30%	intensive use	intensive use
Protection level	IP40	IP40	IP40	IP40	IP40	IP40
Built-in control unit	YES	NO	YES	NO	YES	NO
Built-in receiver	YES	NO	YES	NO	YES	NO
Encoder	YES	NO	YES	NO	NO	NO
Operating temperature	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C
Max surface door 1 motor (2 motors)	11 m ² (15 m ²)	11 m ² (15 m ²)	12,5 m ² (16 m ²)	12,5 m ² (16 m ²)	10 m ² (14 m ²)	10 m ² (14 m ²)
Weight	10 kg	9.3 kg	9.9 kg	9.2 kg	10.2 kg	7.9 kg
Items no. per pallet	50	50	50	50	50	50