

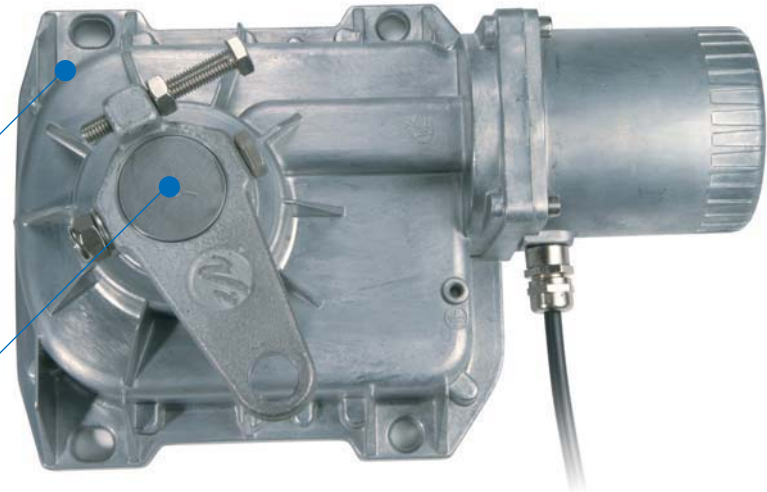


Vulcan

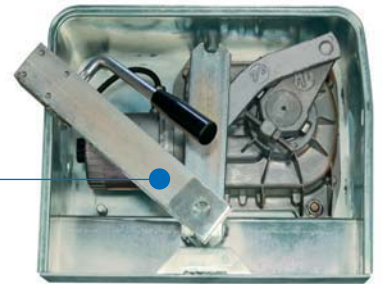
230V and 120V irreversible electromechanical motor reducer for swing gates. Underground installation

The special through holes on the anchoring base allow Vulcan motor reducers to be installed inside numerous existing models of foundation box

Sealed motor reducer, made entirely of aluminium



Galvanised steel or stainless steel self-supporting foundation box



Adjustable opening and closing mechanical limit switches

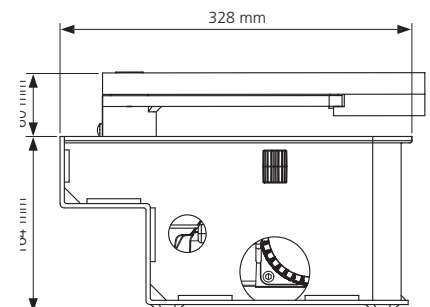
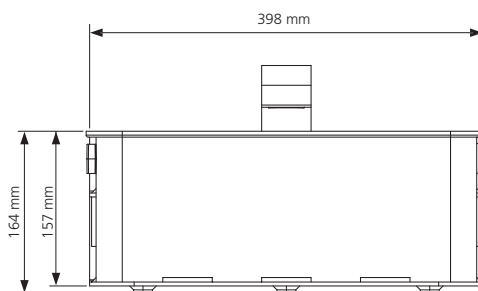
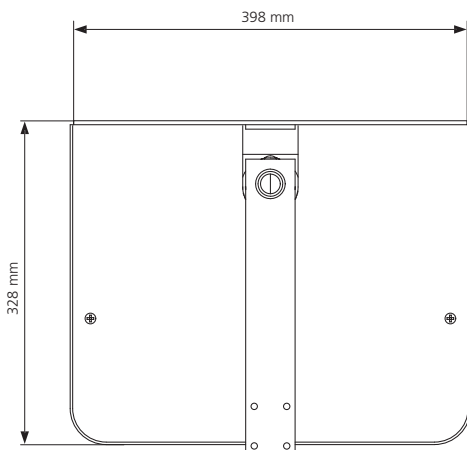
The aluminium casting and the special impregnating treatment of the motor cover ensure that the internal electrical components are completely isolated from moisture to a level of IP67

The irreversible nature of the motor reducer ensures the gate is fixed shut, thus avoiding the use of electrolocks (obligatory only for leaves exceeding 2,5 m)

In the absence of power, the gate can be operated manually by simply rotating a release lever

Standard maximum opening angle of 110°, or 360° (optional)

Dimensions



Swing Gates

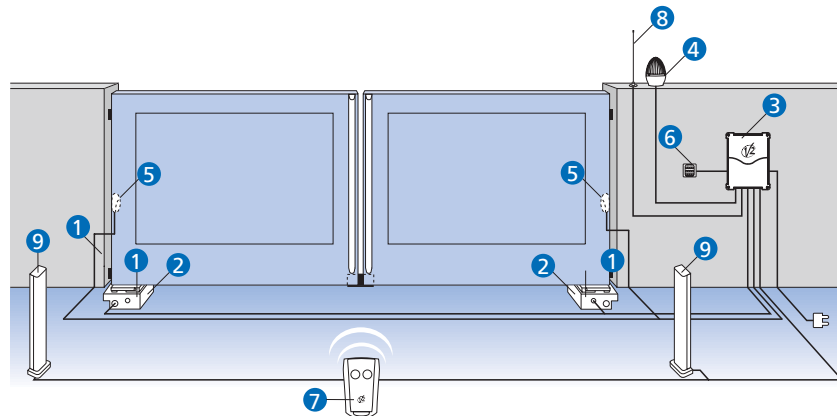


Technical features

Vulcan models	Vulcan 230V (22F003)	Vulcan 120V (22F004)
Power supply	230 V - 50 Hz	120 V - 60 Hz
Maximum power	300 W	300 W
Idling current	1,5 A	3 A
Maximum current	2,4 A	4,8 A
Capacitor	14 µF	35 µF
Maximum torque	320 Nm	320 Nm
Working cycle	30 %	30 %
Opening time (without slowing down)	15 s	14 s
Thermoprotection	150 °C	150 °C
Protection	IP 67	IP 67
Motor weight	11 Kg	11 Kg
Working temperature	-20 / +50 °C	-20 / +50 °C

Operating limits	
Leaf length (m)	Weight (Kg)
3,5	400
2,5	600
2	800

Guide to residential installation



The installation of safety edges on fixed parts or moving leaves is essential in cases where a comprehensive risk analysis of motorised doors requires it

Equipment for standard installation

1	VULCAN 230V motor reducer	(cable 4 x 1 mm ²)
2	Galvanised steel foundation box Lever unit for opening up to 110° (including release lever)	
3	CITY 7 or CITY1 standard control unit	(cable 3 x 1,5 mm ²)
4	Flashing light	(cable 2 x 1,5 mm ²)
5	Pair of photocell detectors	(RX : cable 4 x 1 mm ²) (TX : cable 2 x 1 mm ²)
6	Key switch Plug-in radio card	(cable 2 x 1 mm ²)
7	PHOENIX dual channel transmitter	
8	Tuned antenna	(cable RG-58)