Allegro
GATE AUTOMATION

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Automation for swing gates

Modus

Made in Italy
CE

Modus

Automation for swing gates

GREAT PERFORMANCES

Thanks to its patented mechanics, Modus can automatize big gates with dimensions up to 4,2m and 500 Kg. It has a precise mechanical limit switch regulation that allows a fine adjustement of the wing in opening and closing. Easy and fast to install with its 165mm of width, available in two motor versions with two standard arms and two optional arms with sliding and rotating features for every type of installation.

ELECTRONIC TECHNOLOGY

Star M224 is the control units of Modus. It simplifies the life of the installer, guaranteeing extremeely high performances in terms of safety, durability and speed. The complete software speeds up the installation of the automation and the maintenance becomes simple and practical.
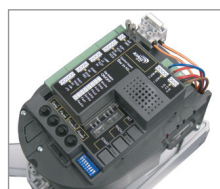The spare fuses and the removable memory card are some examples of the functionality and design of a reliable and innovative product. The software technology PWM (Pulse width modulation) ensure the safety in case of obstacle and allow the adjustment of the opening and closing speed of the gate.
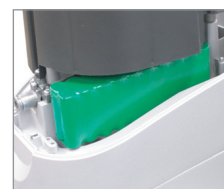
Precise regulation of mechanical stops

Patented mechanism

Protected electronics

Optional back-up battery

TECHNICAL DATA		Modus 280	Modus 420
Power supply	(Vac 50Hz)	230	230
Motor power supply	(Vac/Vdc)	24	24
Motor power	(W)	30	45
Absorption	(A)	1,25	1,87
Operating temperature	(°C)	-20 ÷ +55	-20 ÷ +55
Speed	(rpm)	0,9 ÷ 1,5	0,9 ÷ 1,5
Cycle of work	(%)	50	50
Dimensions	(mm)	165x250x306	165x250x306
Automation weight	(Kg)	7,5	7,5
Gate max weight	(m/Kg)	2,8m / 300Kg	4,2m / 500Kg
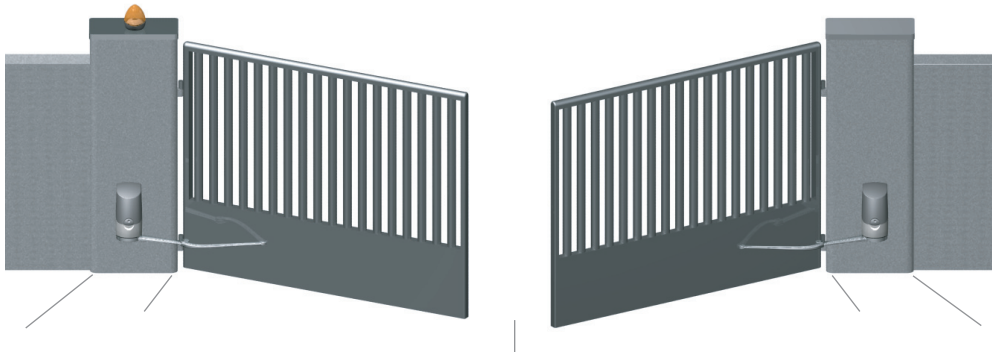
Basic installation:
1 Operator Modus MA
1 Operator Modus SL
1 Photocell Viky 11
1 Flashing light with antenna Idea 24 Plus
 Radiotransmitters Stylo

Accessories:
Accessories Novo
Safety edges

AVAILABLE VERSIONS

Code	Motor	Control unit	Radio receiver	Limit switch	Fixing kit	Max dimension	
Modus 280 SL	24 Vdc	Star M 224	●	● (1)	●	2,8m - 300 Kg	
Modus 280 MA	24 Vdc	Star M 224	●	● (1)	●	2,8m - 300 Kg	
Modus 420 SL	24 Vdc	Star M 224	●	● (1)	●	4,2m - 500 Kg	
Modus 420 MA	24 Vdc	Star M 224	●	● (1)	●	4,2m - 500 Kg	

CONNECTION ARMS

Code	"A"	"B"	Max "C"	Minimum encumbrance "S"	Max door dimension	
Mo Link 180	360 mm	300 mm	200 mm	200 mm	1,8 m	
Mo Link 420	360 mm	487 mm	350 mm	320 mm	4,2 m	
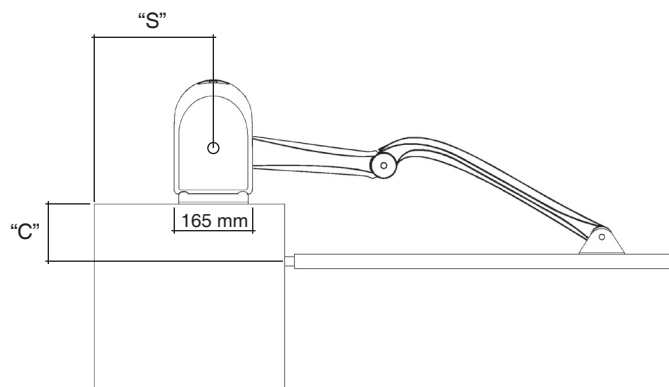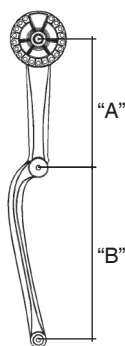
Kit solutions

Kit solution

Vast flexibility for all types of installation thanks to the multiple choice of kits with different range of accessories. See general catalogue for the composition of kits.
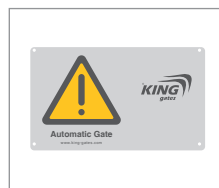
OK-KIT

Gear motor
Modus MA

Control unit
Modus SL

Optional Accessories

Radio transmitter Rolling code - 4 channels **Stylo 4**	Flashing light with built-in antenna **Idea 24 Plus**	Pair of photocells **Viky 11**	Sign board **Tab**	Wall mounted flashing light with built-in antenna **Novo LT 24 Plus**	Adjustable photocell **NOVO Ph 180**
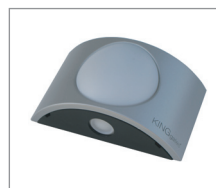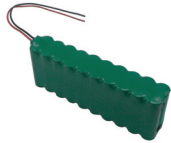
ACCESSORIES:

BK 40	Key Switch	Bat M016	Bat K2	CISA DBL
Mechanical limit switch (2 pieces)	External release	Batteries 24V 1,6Ah	Battery charge card for Bat M016	Horizontal electro lock 12V

Lock VE	KPD 500	GRNSTP
Vertical electro lock 12V	Digi Elite	Ground Stoper