

12
VOLT

GARAGE OPERATOR SPIN₁₂

For up-and-over garage doors

EN
12445
12453
COMPLIANT

100SPIN12QR

12 V garage door opener with encoder, complete with built-in electronic control unit and 433,92 MHz two-channel radio receiver

100SPIN12

12 V garage door opener with encoder

Features:

- residential / apartment building use
- low voltage DC motor
- optical encoder technology
- electronic control unit with built-in radio receiver
- manual release mechanism
- courtesy light with time delay
- built-in open / close buttons (SPIN12QR)

Pros:

- obstacle detection and crush prevention
- in accordance with EN 12445-12453 standards
- works even during power outage thanks to the optional backup battery
- fast operating speed
- intensive use
- soft stop
- irreversible gate operator
- small and compact to grant the widest opening of the garage door



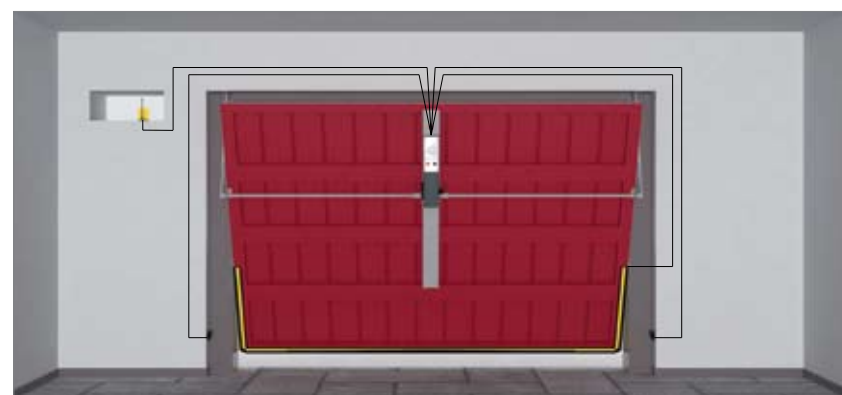
The door opener with built-in electronic control unit features two pushbuttons to open / close the door from the inside, as well as an efficient courtesy light with time delay.



Quick and easy installation thanks to the built-in electronic control unit (no visible wires).



Technical features	SPIN12	SPIN12QR
Power supply	230 V AC (50 - 60 Hz)	
Motor power supply	18 V DC	
Absorption	2 A	
Absorbed power	36 W	
Opening time 90°	11 sec.	
Duty cycle	100 %	
Max. torque	160 Nm	
Operating temperature	-20° C ÷ +55° C	
Motor thermal protection	-	
Degree of protection	IP 40	
Max. door surface	10 m ²	



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.

Accessories



150KITB1SP
Central mount (single opener) installation kit (no welding required)



150KITB1S
Central mount (single opener) installation kit (1 x L16S, 2 x BD, 2 x T1)



150KITB1D1S
Side mount (twin openers) installation kit (2 x L16S, 2 x BDL1)



150SESP
External emergency release device with cable.



150SESPIN
External emergency key release device



150KITBDL1
2 x side mount (twin openers) telescopic arms with brackets



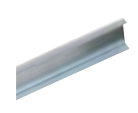
150KITBD
2 x central mount (single opener) telescopic arms with brackets



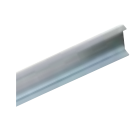
150T1
1500 mm long 1" pipe with bushing



150T2
2000 mm long 1" pipe with bushing



150L16S
Support, 1600 mm



150L25S
Support, 2500 mm



150KITBC
2 x central mount (single opener) telescopic curved arms with brackets



150KITBCL1
2 x side mount (twin openers) telescopic curved arms with brackets



150BOCC1
Groove bushing, Ø 42 x 50 mm



150KITCPB
Set of 6 counterweights (1,7 kg each)



200K996M
Electronic control unit for one or two 12 V up-and-over garage door openers with soft-stop, built-in 433,92 MHz radio receiver and enclosure



200BATT
12 V back-up battery, 7,2 Ah



750SCB12
Battery charger (optional)



M-030Z15G000
Pedestrian door micro-switch



900KICM120
Safety edge l=1,2 m



900KICM180
Safety edge l=1,8 m



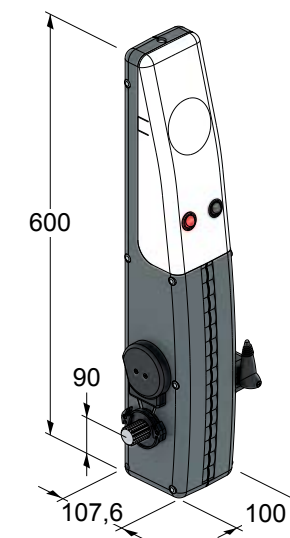
900KONT120
Controlled safety edge l=1,2 m (8,2 kΩ)



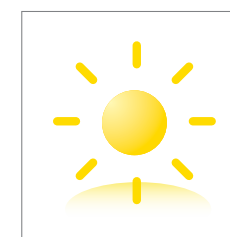
900KONT180
Controlled safety edge l=1,8 m (8,2 kΩ)



C-TARG
Aluminium CE Mark Label, self adhesive



[SMALL AND COMPACT]



Solar power
Thanks to the Photovoltaic (PV) Technology, every low voltage DC gate operator can be solar powered. Discover the advantages of the solar energy at page 124



Further accessories:
Transmitters page 104
Photocells page 110
Flashing lights page 113

GARAGE OPERATOR

SPIN^{QRF/F}

For up-and-over garage doors

100SPINQRF

230 V garage door opener with limit switch, complete with built-in electronic control unit and 433,92 MHz two-channel radio receiver

100SPINF

230 V garage door opener with limit switch

Features:

- residential use
- 230 V motor
- built-in limit switch
- electronic control unit with built-in radio receiver
- manual release mechanism
- courtesy light with time delay
- built-in open / close buttons (SPINQRF)

Pros:

- semi-intensive use
- higher torque and power
- possible installation of encoder for obstacle detection and crush prevention
- easier compliance to EN 12445-12453 standards thanks to the encoder installation
- irreversible gate operator
- small and compact to grant the widest opening of the garage door



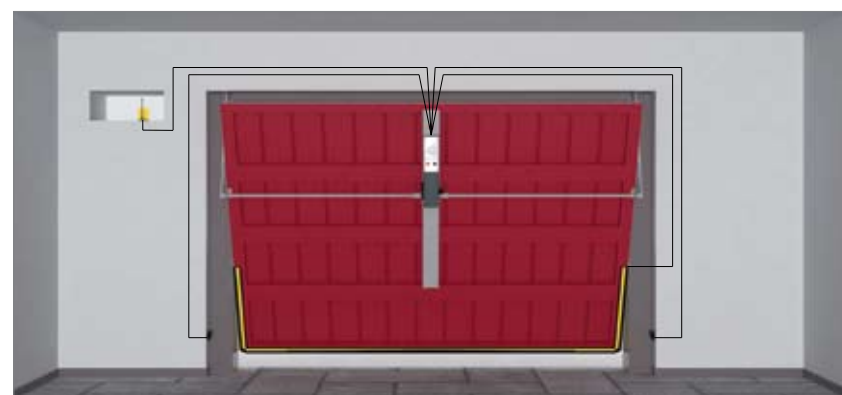
The door opener with built-in electronic control unit features two pushbuttons to open / close the door from the inside, as well as an efficient courtesy light with time delay.



User-friendly manual release. The installation of the external emergency release device is recommended when the main garage door is the only garage exit



Technical features	SPINF	SPINQRF
Power supply	230 V AC (50 - 60 Hz)	
Motor power supply	230 V AC	
Absorption	2 A	
Absorbed power	370 W	
Opening time 90°	21 sec.	
Duty cycle	30 %	
Max. torque	345 Nm	
Operating temperature	-20° C ÷ +55° C	
Motor thermal protection	150° C	
Degree of protection	IP 40	
Max. door surface	10 m ²	



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.

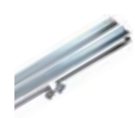
Accessories



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Central mount (single opener) installation kit (no welding required)



150KITB1S
Central mount (single opener) installation kit (1 x L16S, 2 x BD, 2 x T1)



150KITB1D1S
Side mount (twin openers) installation kit (2 x L16S, 2 x BDL1)



150SESP
External emergency release device with cable.



150SESPIN
External emergency key release device



150KITBDL1
2 x side mount (twin openers) telescopic arms with brackets



150KITBD
2 x central mount (single opener) telescopic arms with brackets



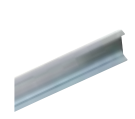
150T1
1500 mm long 1" pipe with bushing



150T2
2000 mm long 1" pipe with bushing



150L16S
Support, 1600 mm



150L25S
Support, 2500 mm



150KITBC
2 x central mount (single opener) telescopic curved arms with brackets



150KITBCL1
2 x side mount (twin openers) telescopic curved arms with brackets



150BOCC1
Groove bushing, Ø 42 x 50 mm



150KITCPB
Set of 6 counterweights (1,7 kg each)



200K892M
Electronic control unit for one or two 230 V up-and-over garage door openers with soft-stop, built-in 433,92 MHz radio receiver and enclosure



250ENCSP
Optical encoder for 230 V door openers



M-030Z15G000
Pedestrian door micro-switch



900KICM120
Safety edge l=1,2 m



900KICM180
Safety edge l=1,8 m



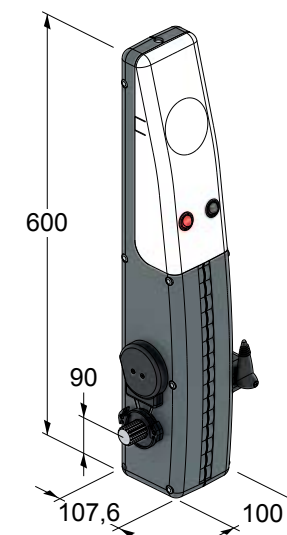
900KONT120
Controlled safety edge l=1,2 m (8,2 kΩ)



900KONT180
Controlled safety edge l=1,8 m (8,2 kΩ)



C-TARG
Aluminium CE Mark Label, self adhesive



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