

knoll
quality & style

Electric curtain rod

The drive can be used with curtains hung in a straight section, so often used in interior design of houses or hotels. Thanks to the included remote control, the user can control single or multiple layers of fabric. Installation the device is simple and its operation is comfortable. Aluminum guide that plays an important role in the automation system home may have the shape of a straight section

The drive for the curtains is characterized by a very quiet operation which guarantees unprecedented comfort of use. Soft start function and stopping allows the curtains to slide smoothly. The smart limiter has a memory function thanks to which you do not need to set it manually. Startup function of the drive by pulling the curtain makes it easier to operate and guarantees an extraordinary experience



Curtain drive

Function descriptions



Smooth Work

DC motor with a gentle opening and closing. When the drive is activated and approaching the limit position, the speed drops, making the curtain move in a more stylish way



Electronic limiter function

Our electronic curtain has a function based on temporary memory of the engine, that minimizes time needed to start the curtain. Electronic limiter automatically removes differences in limit position ensuring long lasting precision



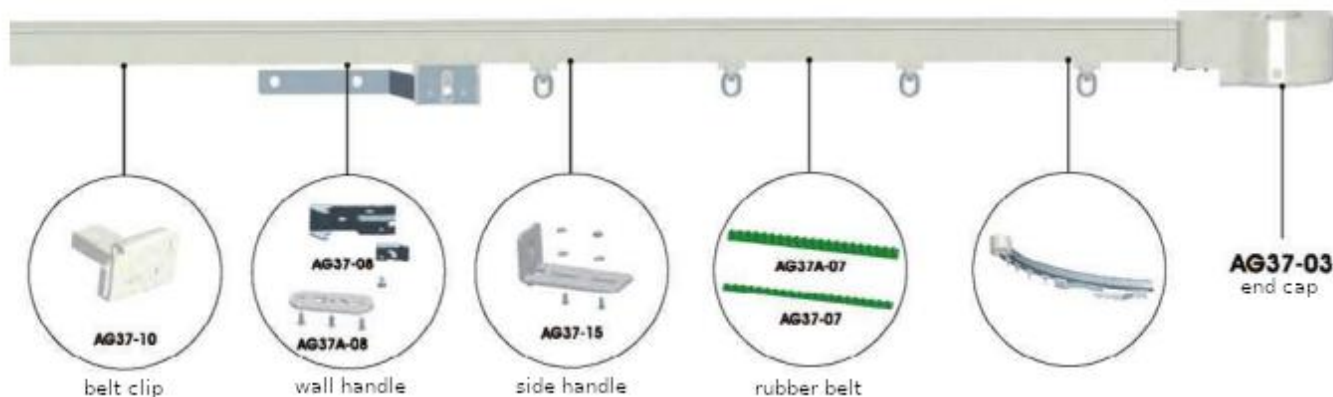
Built-in receiver function

The curtain drive is equipped with a receiver compatible with all FEIERGE transmitters. The curtains can be controlled individually or in groups



Resistance detection and stop function

When resistance is encountered, the curtain will stop automatically



Gentle pull detection function

Manually pulling the curtain for about 20cm will cause its drive to fully open or close the curtain

Long lifespan and high durability

The device uses a durable toothed belt with a long lifespan, resistant to substances with high acidity, the system will retain its shape for at least 15,000 cycles. The system should last for 20 years when used twice a day.

Manual handling without power

When device is unplugged or there is a power outage, system will not prevent from opening or closing the curtains, just gently pull in the desired direction

External potential-free contacts

Potential-free contacts allow you to connect a mechanical or tactile switch

FC54AE

AE: Integrated wireless adapter

Electronic limiter + built-in receiver + stop on contact + gentle pull start + operation with power off + long life + external potential-free contacts + third, fifth limit position + elegant operation + RS485 communication

50kg

AC 100-240V/50Hz.60Hz



Range FC54AE Integrated wireless adapter

motor type	safe curtain weight Kg	nominal torque Nm	nominal speed Rpm	opening / closing speed cm/s	rated current A	work time h	degree of protection IP	maximum number of revolutions Rotation	guide length m	weight Kg
100-240V/50Hz.60Hz FC54AE-1.2/75	50	1,2	75	12	0,13	240	40	∞	≤12	1,04

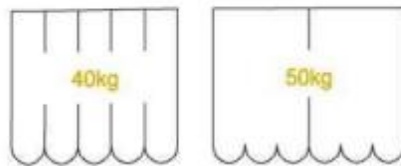
AC 100-240V/50Hz.60Hz



Functions and specifications

Maximum load

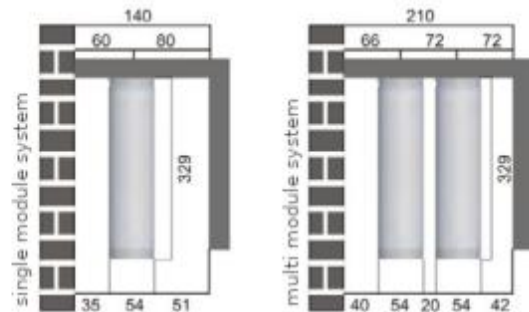
Safe curtain weight
Curtain motor FC54AE-1,2/75



Single side sliding

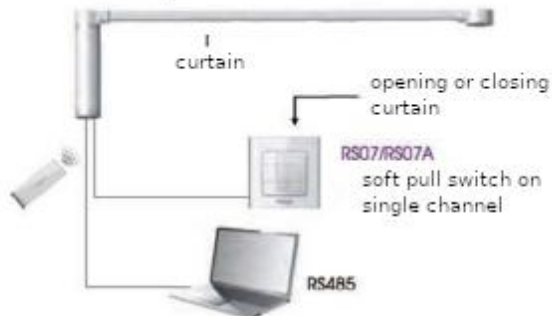
Dual side sliding

Dimensions of the rail installation



Control system

wireless + individual control
on the potential-free contact



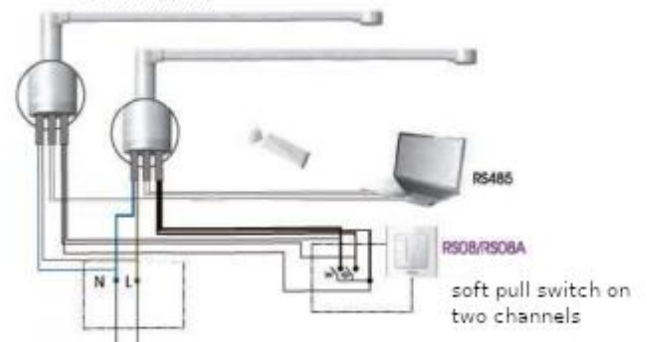
individual control



wireless + dual control
on the potential-free contact

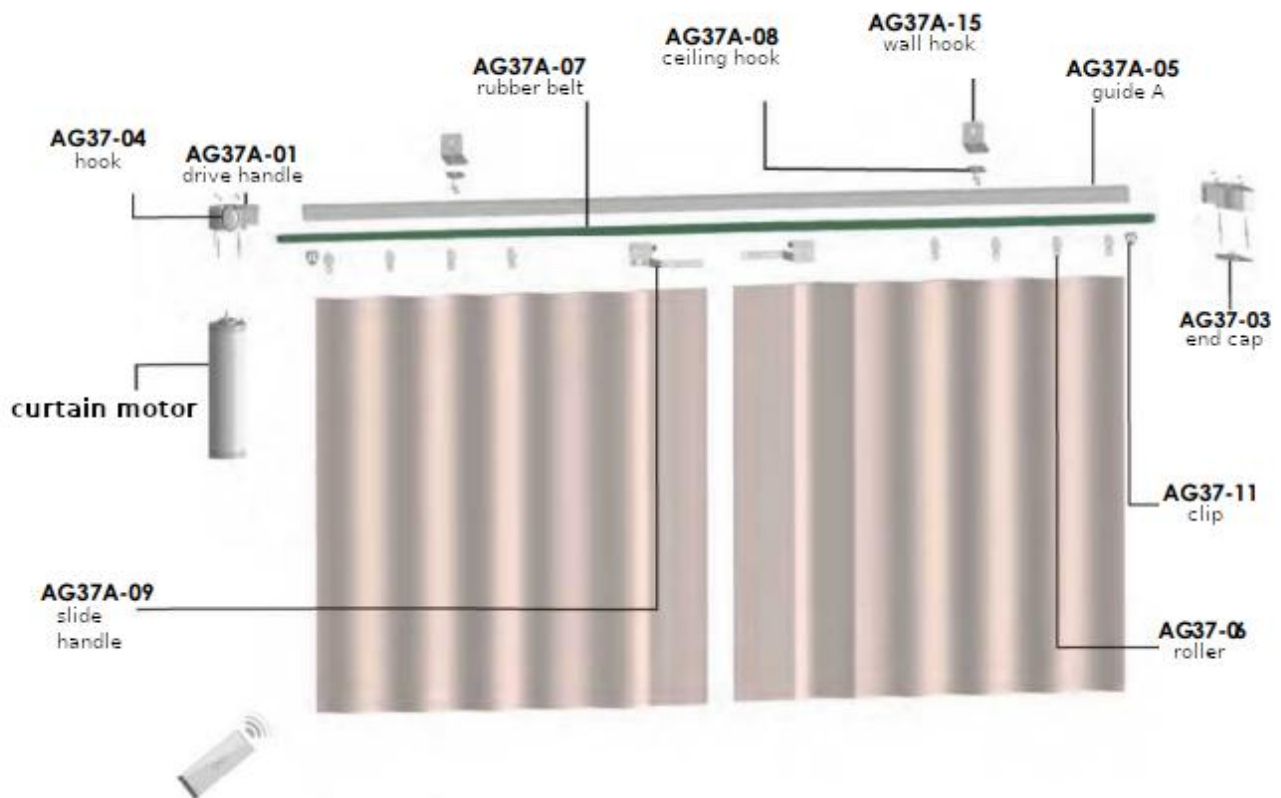


dual control



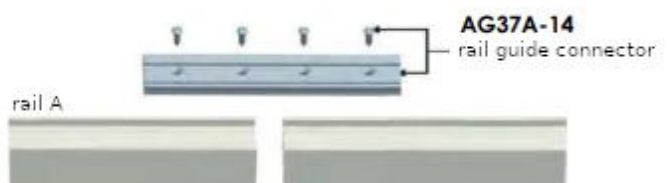
Curtain guide system

guide A



Curtain motor
Guide

View at guide A

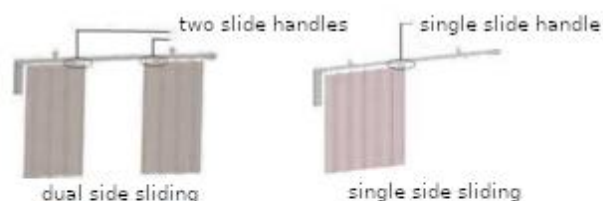
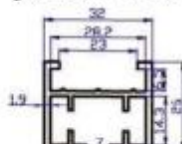


Guide A and accessories

guide A



guide A dimensions



no.	product picture	product name	product code	description	required quantity
1		guide A	AG37A-05	aluminum	Purchase according to desired length in meters
2		rubber belt	AG37A-07	green, max 100kg	Purchase according to desired length in meters. Measure according to instructions
3		slide handle	AG37A-09		dual / single side sliding 1 piece / set
4		ceiling hook	AG37A-08	metal	2 pieces for a meter of guide additional meter = additional hook
		wall hook	AG37A-15	individual guide	
5		roll	AG37A-06	standard roll	6 pieces per meter
			AG37A-06A		
6		rail guide connector	AG37A-14	for connecting guides	1 piece every connection
7		FC54AE drive handle	AG37A-00-54		single side sliding AG37A-01 2pcs. AG37-Q3 1pcs. AG37-04 2pcs. AG37-11 2pcs. dual side sliding AG37A-01 2pcs. AG37-Q3 1pcs. AG37-04 2pcs. AG37-11 2pcs.