

Comunello Smart Chain Drive

Product information

Motorised chain drives for awning and tilt windows.



Product code	Description	Push/Pull force	Colour	Packaging unit
MSMART20H0B00	Motorised Smart chain drive	200N/250N	black	1
MSMART20H0W00	Motorised Smart chain drive	200N/250N	white	1

	SMART	
Model	MSMART20H0***	MSMART20L0***
Power supply VAC	230 VCA	24 VDC
Frequency	50 Hz	50 Hz
Operation	S2 4 min	S2 4 min
Push strength	200 N	200 N
Pull strength	250 N	250 N
Stroke speed unloaded	16 mm/s	16 mm/s
Protection class	IP20	IP20
Double insulation AC	yes	yes
Motor voltage VAC	0.14 A	0.9 A
Loaded power	22 W	22 W
Operating temperature	-5° / +50 °C	-5° / +50 °C
Strokes	180 - 380	180 - 380
Strokes setting	with dip-switch	with dip-switch
Soft Start / Soft Stop	yes / yes	yes / yes
Obstacle detection	yes	yes
Cabling included	0.5 m	0.5 m
Dimensions	265 x 79 x 41 mm	265 x 79 x 41 mm

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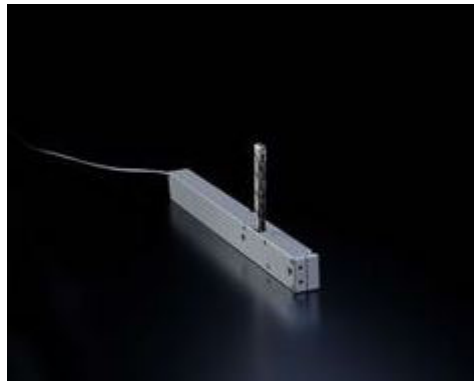
Product code	Description	Push/Pull force	Colour	Packaging unit
ML25S138H0B00	Motorised chain drive	250N	black	1
ML25S138H0W00	Motorised chain drive	250N	white	1
ML35R140H0B00	Motorised chain drive - remote controllable	350N	black	1
ML35R140H0W00	Motorised chain drive - remote controllable	350N	white	1
MXOOAT01	1 channel remote control	-	white	1
MXOOAT06	6 channel remote control	-	white	1

	Liwin	Liwin 2W-Net Liwin 3W-Net Liwin 4W-Net	Liwin R	Liwin 2W-Net R Liwin 3W-Net R Liwin 4W-Net R
Model L35 230Vac	ML35S140Hy00*	ML35Sx40Hy00**	ML35R140Hy00*	ML35Rx40Hy00**
Model L35 24Vdc	ML35S140Ly00*	ML35Sx40Ly00**	-	-
Model L25 230Vac	ML25S138Hy00*	-	-	-
Power supply ac voltage	230 Vac	230 Vac	230 Vac	230 Vac
Power supply dc voltage	24 Vdc	24 Vdc	-	-
Frequency of ac voltage	50 Hz	50 Hz	50 Hz	50 Hz
Operation	S2 4 min			
Push/Pull strength L35	350 N	350 N	350 N	350 N
Push/Pull strength L25	250 N	-	-	-
Stroke speed unloaded	18 mm/s			
Protection class	IP44			
Double insulation ac	yes			
Double insulation dc	low voltage			
Motor voltage V ac L35	0.19 A	0.19 A	0.19 A	0.19 A
Motor voltage V ac L25	0.14 A	-	-	-
Motor voltage V dc	1 A	1 A	-	-
Power L35	28 W	28 W	28 W	28 W
Power L25	22 W	-	-	-
Operating temperature	-5/ +50 °C			
Strokes L35	50 - 100 - 150 - 200 - 250 - 300 - 350 - 400 - 420 mm			
Strokes L25	200 - 250 - 380 mm			
Closed limit switch	on impact			
Soft Start / Soft Stop	yes / yes	yes / yes	yes / yes	yes / yes
Obstacle detection	yes	yes	yes	yes
Connection in parallel	yes (max 30 actuators)			
Synchronisation	no	yes	no	yes
Dimensions	390 x 38 x 73 mm			

STG BEIKIRCH LM Chain Drive

Product information

230 V Motorised chain drives for bottom hung, top hung and flat windows.



Product code	Description	Push/Pull force	Colour	Packaging unit
2108943	LM 200 chain drive	200	silver	1
2109024	LM 300 chain drive	200	silver	1

technical voltage	230 / 240 V AC / 50 Hz
technical draw	approx. 0.15 amp at 200 N load
cut-off	Cut-off „closed”: integrated electronic power cut-off Cut-off „open”: built-in limit switch
pressing force	LM/120-300: 200 NM
tractive force	max. 200 N
nominal clamping force	4000 N
stroke width	LM/200 = 217 mm LM/300 = 309 mm
dimensions	LM/120-350: 360.5 x 30 x 40.8 mm LM/400-500: 442 x 30 x 40.8 mm
speed of operation	approx. 8 mm/sec. at rating load and nominal load
power supply cable	4 x 0.75 mm ² ; length approx. 3 m; colour black or white
start-up time	60 sec. (ED/ON), 120 sec. (AD/OFF)
range of temperature	-10°C to +50°C
IP protection class	IP 40 according to DIN EN 60 529
housing	zinc diecasting
colour	powder-coated, white (RAL 9016) or silver grey (RAL 9006)
type of construction tested	TÜV, Registration No. 44 780 08 362 662-007

NUKI 2.0 & Accessories

Product information

Smart lock enables locking and unlocking from a smartphone with easy installation (no screws or drilling) and can be integrated into existing smart home systems. Manage up to 200 access permissions. Accessories including keypad (access by entering a six-digit code), bridge (connects Smart Lock to WI-FI, allowing online management and remote control) and fob (control of the Smart Lock with a push of a button) also available.



Product code	Description	Dimensions (mm)	Packaging unit
220113	NUKI Smart Lock 2.0	110 x 60 x 62	1
100405	NUKI fob	55 x 24 x 6	1
220284	NUKI keypad	90 x 30 x 15	1
220443	NUKI bridge	60 x 60 x 50	1
220472	NUKI Combo - Smart Lock 2.0 & bridge	110 x 60 x 62	1

KFV AS2600 Genius Multi-point Lock

Product information

Automated hook and pin lock with RC2 security as standard, internal and external operation via access control systems, manual key override.



Product code	Description	Faceplate (mm)	Gear height (mm)	Backset (mm)	PZ distance (mm)	Spindle (mm)	Packaging unit
3457316	Genius automated lock	2170	16	35	92	8	1
3454564	Genius automated lock	2170	16	55	92	8	1
3496920	Genius transition cable	n/a	n/a	n/a	n/a	n/a	1
3381675	Magnet	n/a	n/a	n/a	n/a	n/a	1
3470513	Standard power supply	n/a	n/a	n/a	n/a	n/a	1
3498972	Concealed power supply (optional)	n/a	n/a	n/a	n/a	n/a	1

Note: Access control systems available on request

KFV Genius Access Control System - Keypad

Product information

Encrypted AES 128bit data transmission, available for door leaf integration or external installation, connection with one cable directly to Genius type A or B as well a A-opener.



Product code	Description	No of Bluetooth devices	No of keypad code users	Packaging unit
3493375	Keypad with Bluetooth control	up to 6	up to 18	1

KFV Genius Access Control System - Fingerprint Scanner

Product information

Fingerprint scanner available for door leaf integration or external installation.



Product code	Description	Capacity	Packaging unit
3501219	Fingerprint scanner	up to 90 memory slots	1

KFV Genius Remote Kit

Product information

Suitable for opening up to 2 doors; the range of the transponder, or wireless receiver is 10-50m, and up to 84 handheld remotes can be programmed.



Product code	Description	Length (m)	Voltage	Packaging unit
3377395	Remote	n/a	n/a	1
3377393	Remote transponder	n/a	24	1
3378078	Type E cable	4	n/a	1

KFV Genius Transponder Tag Kit

Product information

Transponder tag kit includes the keyring transponder, the external transponder which receives data from the transponder aerial, the transponder aerial which transmits the data from the external transponder, and the cable used to transmit power or signals.



Product code	Description	Length (m)	Voltage	Packaging unit
3406519	Transponder tag	n/a	n/a	1
3406512	Transponder unit	n/a	12 or 24	1
3406518	Transponder antenna	n/a	n/a	1
3378078	Type E cable 4m	4	n/a	1

KFV Genius Remote Switch System

Product information

GSM switch module alarm can be activated via SMS in case of unauthorised opening of the door, or GSM switch module.



Product code	Description	Capacity	Packaging unit
3502042	GSM remote switch system	up to 50 phone numbers	1

KFV Genius Internal Push Button

Product information

Push button is used to open the door via the internal release from multi-point locks with the 'comfort' option.



Product code	Description	Material	Packaging unit
3413891	Internal push button with 1m cable	matt stainless steel	1

KFV Genius Bolt Switch Contact & Coupling Relays

Product information

12V coupling relay is used for retrofitting the electric opener to Genius or the A-opener, 24V coupling relay is used to confirm the Genius Type B to an alarm system or motorised door drive. Bolt switch contact is used to query whether the hook bolt has been completely locked off.



Product code	Description	Length (m)	Voltage	Packaging unit
3496082	Bolt switch contact with cable	6	n/a	1
2274274	Coupling relay	n/a	24	1
3327769	Coupling relay	n/a	12	1

STROXX Digital Door Viewer

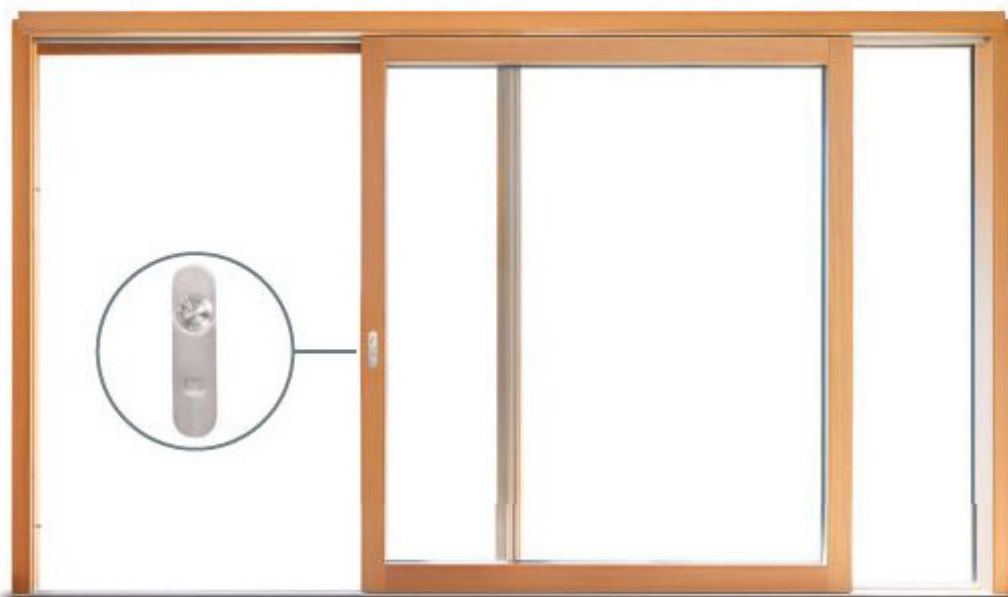
Product information

Digital peephole with 3.2 inch TFT display, black front and silver frame. Suitable for door thicknesses between 38-110mm. 105 deg viewing angle.



Product code	Description	Screen (in)	Dimensions (mm)	Packaging unit
0009036071	Digital door viewer	3.2	128 x 68 x 15	1

Siegenia HS Lift & Slide Automation



As a design element for living concepts where aesthetics matter, the fully automatic DRIVE axent HSA smart lift-slide drive makes a real impression when it comes to ease of use: At just the press of a button, it automatically opens and closes lift-slide doors with a sash weight of up to 400 kg. With a concealed design, the lift drive ensures reliable locking and unlocking of extremely large windows and, along with the high quality button, creates a highly attractive look. The sash can be opened or closed either by this button, or conveniently from a smartphone via the SIEGENIA Comfort app.

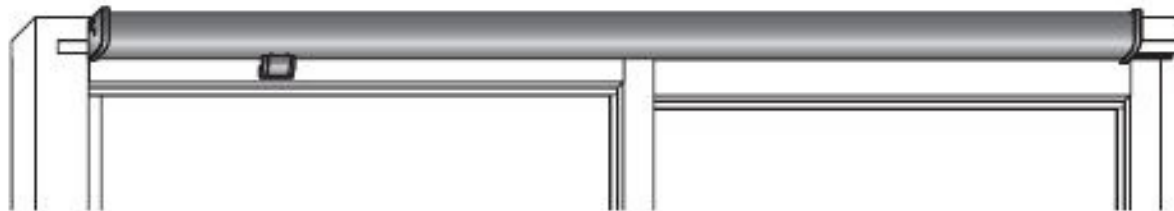
Benefits for fabricators:

- Suitable for a sash weight up to 400 kg
- Automatic programming, night vent secured with locking bolts, programmable opening width, timer facility
- Rapid installation: Drive pre-installed and plug & play system ready for connection

Benefits for users:

- Modern, unobtrusive design thanks to concealed lift drive
- Can be operated via button on the sash, smartphone and tablet (SIEGENIA Comfort app)
- High level of operating safety due to status LED
- Motorised night vent, freely adjustable timer function in the app from 1-59 minutes
- Option of a limited opening width
- Smooth start and stop motion
- Electronic anti-trap protection feature conforming to relevant standards
- Manual emergency operation

Siegenia MSA400 Smart Slide Automation



Application:

The MSA400 smart is a motorised slide drive for installation on sash profiles and upper frame profiles.

- Suitable for max. sash weight of approx. 400 kg incl. glass pane (max. 250 kg per sash for scheme E)
- Scheme A inside frame width (RIB): 1,775 mm – 6,666 mm with symmetrical split (installation on asymmetrical elements on request)
- Space required at top of frame approx. 45 mm. The slide drive can be moved downwards (dependent on profile)

Function:

- The MSA400 smart allows you to open and close sliding door elements with ease at the touch of a button.

Unit properties:

- Movement of sliding door elements (soft start and stop)
- Jam protection via current limiter, “deadman control” is not required
- Wheelchair-accessible design and operation in accordance with DIN 18025 and DIN 18030 possible (flat threshold required)
- No restriction on entrance height
- For universal use, regardless of hardware manufacturer
- Plug-and-play principle: unpack – screw on – automatic teach-in – ready for operation
- Simple manual emergency operation in the event of a power failure
- Integrated 24 V power supplies: plug-and-play ready for retrofitting
- High level of functional reliability: tested with 400 kg for more than 25,000 switching cycles
- Available in a natural (unpainted) finish so your own coating can be applied – paint finish in all RAL and NCS colours subject to additional charge
- Internationally valid CB certified
- Force limit in accordance with DIN 60335-2-103
- Can be operated with the SIEGENIA Comfort app* as standard
- Optional infrared remote control
- Optional design to meet additional safety requirements, pre-equipped for a light curtain
- The fitting of an additional locking motor (not included in the scope of delivery) enables automatic locking/release and movement of sliding door elements (soft start and stop)

Daytime Release

Product information

For retrofitting or for standard use with KFV frame parts; the main lock latch is released using mechanical locking mechanism, and has a locking slider for easy switching.



Product code	Description	Latch plate size (mm)	Packaging unit
3493188	Daytime release 115A	>24	1
3493198	Daytime release 115B	<24	1

VITA EM 180 Electromagnetic Lock

Product information

Locking device consisting of an electromagnet that contacts an armature plate to lock when energized. Works in conjunction with Request to Exit device or emergency egress button.



Product code	Description	Length (mm)	Width (mm)	Capacity (kg)	Reed Output	Packaging unit
EM-180R	Electromagnetic lock - rebate mount	201.6	34.4	180	yes	1
EM-180HR	Electromagnetic lock - surface mount	166	34.4	180	yes	1

VITA EM 300 Electromagnetic Lock

Product information

Locking device consisting of an electromagnet that contacts an armature plate to lock when energized. Works in conjunction with Request to Exit device or emergency egress button.



Product code	Description	Length (mm)	Width (mm)	Capacity (kg)	Reed Output	Packaging unit
EM-300R	Electromagnetic lock - rebate mount	228	39	300	yes	1
EM-300HR	Electromagnetic lock - surface mount	228	39	300	yes	1

VITA EM 500 Electromagnetic Lock

Product information

Locking device consisting of an electromagnet that contacts an armature plate to lock when energized. Works in conjunction with Request to Exit device or emergency egress button.



Product code	Description	Length (mm)	Width (mm)	Capacity (kg)	Reed Output	Packaging unit
EM-500R	Electromagnetic lock - rebate mount	266	66.5	500	no	1
EM-500HR	Electromagnetic lock - surface mount	266	66.5	500	yes	1