



**ELTRAL K35+ chain drive**

	Finish	Travel	Length	Connecting cable	PU	Order number
	EV1 silver	300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-30-0-1
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-50-0-1
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-80-0-1
		300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-30-0-1
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-50-0-1
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-80-0-1
	Black (RAL 9005)	300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-30-0-6
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-50-0-6
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-80-0-6
		300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-30-0-6
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-50-0-6
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-80-0-6
	Traffic white (RAL 9016)	300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-30-0-7
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-50-0-7
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-80-0-7
		300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-30-0-7
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-50-0-7
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-80-0-7
	Special colour (on request)	300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-30-0-9
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-50-0-9
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21584-80-0-9
		300 mm	520 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-30-0-9
		500 mm	611 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-50-0-9
		800 mm	765 mm	3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21610-80-0-9

**ELTRAL VAN+ locking drive**

	Finish	Travel adjustable	Length	Connecting cable	PU	Order number
 <small>Fig.: EV1 silver</small>	EV1 silver	18 / 36 mm	357 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21585-00-0-1
				3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21611-00-0-1
	Black (RAL 9005)	18 / 36 mm	357 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21585-00-0-6
				3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21611-00-0-6
	Traffic white (RAL 9016)	18 / 36 mm	357 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21585-00-0-7
				3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21611-00-0-7
	Special colour (available on request)	18 / 36 mm	357 mm	3 x 0.5 mm <sup>2</sup> , 2 m	1 pc	K-21585-00-0-9
				3 x 0.5 mm <sup>2</sup> , 5 m	1 pc	K-21611-00-0-9

**Connector set**

	Installation type	Length	PU	Order number
	Sash installation	11 mm	1 pc	K-21635-00-0-8
		7 mm	1 pc	K-21636-00-0-8
	Frame installation	11 mm	1 pc	K-21637-00-0-8
		7 mm	1 pc	K-21638-00-0-8

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DRIVE TECHNOLOGY | CHAIN DRIVE

**ELTRAL K35+ chain drive (24 V)**  
Comfort and design variety

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**Technical data**

Version	ELTRAL K35+
Nominal voltage	24 V DC
Nominal current	0.9 A
Breaking current	1.2 A
Duty ratio	30 %
Protection code	IP32
Ambient temperature	-5 °C to +60 °C
Max. pulling force	350 N
Max. locking force	3000 N
Connecting cable	Silicone halogen-free, 3 x 0.5 mm <sup>2</sup>
Travel	300 / 500 / 800 mm

Travel [mm]	Pushing force [N]	Runtime [s]
300	350	31
400	200	42
500	100	52
600	50	63
700	50	73
800	50	83

**Straightforward synchronisation**

Up to eight chain drives or six chain drives and two locking drives can be combined for synchronous operation or operation with locking drive. This requires all drives to be connected by the green communication wire to make sure they are synchronised. If a drive is used in standalone mode, the green communication wire must be insulated accordingly.



**Plug & Play:** straightforward commissioning without additional control unit, no DIP switch and no configuration

**Product characteristics**

- Compact design for inconspicuous integration
- Automatic end and overload cut-off – regardless of the overlap thickness
- Automatic gasket relief
- Reduced closing speed for the last 50 mm (max. 5 mm/s) according to protection class SK3
- Ideally suitable for small sash heights from 200 mm
- Convenient infinitely variable travel adjustment
- Automatic synchronisation when using several drives
- High-quality, silver, black or white painted aluminium housing
- Compatible with ELTRAL VAN+ locking drive

**Convenient infinitely variable travel adjustment**

If a shorter chain travel is required, this can be adjusted directly at the drive. In multiple operation, it is sufficient to make the setting at only one drive – the next time this drive is actuated the new travel setting will be automatically transferred to all other drives.

**Step 1:** Fully retract the chain and leave the power supply switched on.

**Step 2:** Get a paper clip or a similarly pointy object.

**Step 3:** Remove the cover from the blue LED.

**Step 4:** Push the paper clip into the aperture in the drive housing to operate the switch – the blue LEDs now light up solid.

**Step 5:** Switch the power supply on and extend the chain up to the required opening position.

**Step 6:** Switch the power supply off – re-adjustment of the travel is now complete.

**Overview of features:**



**Intuitive:** Direct and user-friendly travel adjustment via switch at drive housing

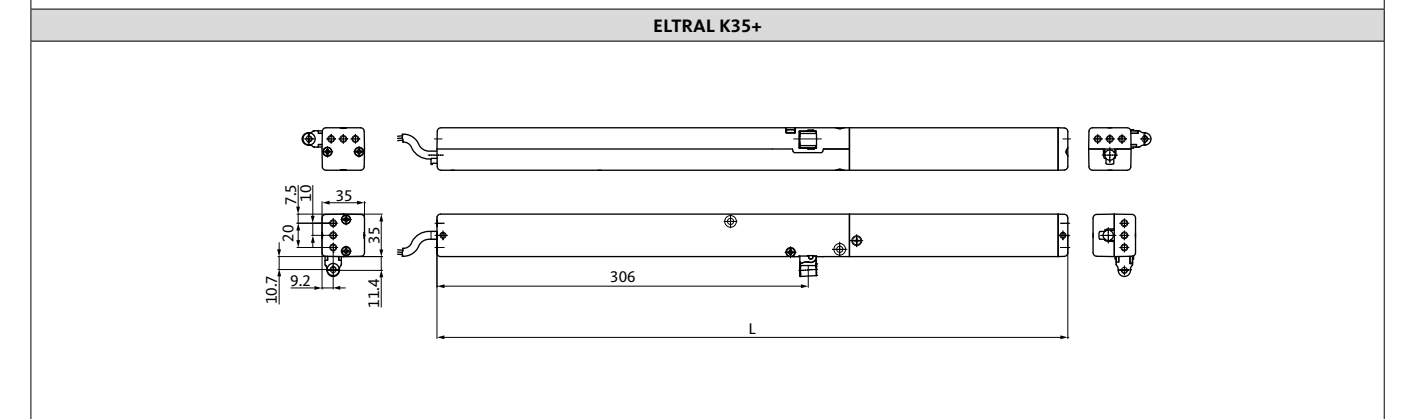


**Time-saving:** Fast and uncomplicated as there is no need for time-consuming software configuration



**Flexible:** As the travel adjustment is infinitely variable, the drive can be perfectly adapted to individual requirements

**Measurements**



**Installation instructions**

You can find the right installation instructions and download them here – fast and straightforward.



ELTRAL K35+



ELTRAL VAN+