



Key Features:

- Universal power supply 24/48VDC (HCV)
- 2 wire line monitoring (HCV)
- Programmable functions
- 2500N locking force
- Extremely silent
- Automatic self adjusting zero-point

Electrical Window Opener - Chain Drive

HCV 24/48VDC - HCVA 230VAC - HCVAR 230VAC

FEATURES:

- For roof, facade and skylight
- Compact and elegant design
- Power supply voltage:
 - 24/48VDC (HCV)
 - 230VAC (HCVA / HCVAR)
- Programmable options:
 - Synchro mode (up to 4 drives)
 - Force (push, pull, soft close)
 - Speed
 - Stroke length
 - Soft close length
- 2 wire line monitoring (HCV)
- Soft close function
- Stroke length: 350/600/800/1000mm as standard (can be reduced by programming)

- Pushing/pulling force: 500N as standard (can be reduced by programming)
- Built-in intelligent overload protection
- Low noise level
- Tested to min. 11,000 cycles
- Two different speeds - comfort ventilation / fire
- 2.5m Silicone cable
- Aluminum Housing - White (RAL 9010)
- Tested according to EN12101-2 (HCV / HCVA)
- Integrated receiver + external remote control (HCVAR)

Key accessories:

- HOC electronic module for extended features
- Wind & Rain Sensor

Electrical Window Opener



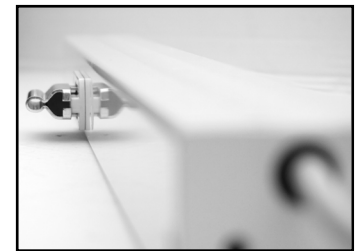
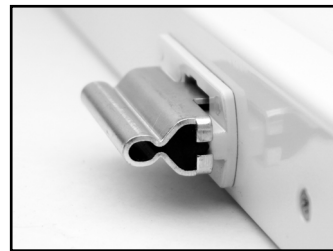
HCV 24/48VDC - HCVA 230VAC - HCVAR 230VAC

Item no.	Model	Push force (N)	Pull force (N)	Power supply	Soft Close	Locking force (N)	Protection	Temperature (°C)	Speed (mm/s)		Size LxWxH (mm)		
									Comfort	Fire			
					Factory setting								
31010100	HCV 500N / 350mm	500	500	24VDC / 1.40A 48VDC / 0.70A							7	436 x 52 x 42	
31010200	HCV 500N / 600mm										7	10	561 x 52 x 42
31010300	HCV 500N / 800mm										10	14	661 x 52 x 42
31010400	HCV 500N / 1000mm										10	17	766 x 52 x 42
31020100	HCVA 500N / 350mm	500	500	230VAC / 30W	200N 50mm	2500	IP32	-25 - +75			7	586 x 52 x 42	
31020200	HCVA 500N / 600mm										7	***10	711 x 52 x 42
31020300	HCVA 500N / 800mm										10	***14	811 x 52 x 42
31020400	HCVA 500N / 1000mm										10	***17	916 x 52 x 42
31030100	*HCVAR 500N / 350mm	500	500								7	586 x 52 x 42	
31030200	*HCVAR 500N / 600mm										7		711 x 52 x 42
31030300	*HCVAR 500N / 800mm										10		811 x 52 x 42
31030400	*HCVAR 500N / 1000mm										10		916 x 52 x 42

*Integrated receiver + external remote control

**Use only for bottom and side hung window (If other uses are considered, contact your supplier)

***FIRE Speed requires programming by Actulux or by use of PMD-Tool



Bracket sets - stainless steel		Bracket sets - white (RAL 9010)	
Item no.	Use	Item no.	Use
33010100	Outwards opening	33010000	Outwards opening
33010101	Inwards opening	33010001	Inwards opening
33010102	Skylight opening	33010002	Skylight opening

