Automated Fenestration Inc.

Largest Source for Window Automation in North America

VCD 203

Chain Actuator

Benefits

- Ideal for smart buildings; integrate with building and home automation systems.

Applications

Automated operation of awning windows, hopper windows, casement windows, curtain wall vents, and skylights.

VCD 203 Actuator Features

- Push/Pull force: 200N (45 lbf)
- Available in Black, White or Silver paint
- 2.5m connection cable with interconnect plug
- TMS+ tandem safety function for operating 2 drives on one sash
- 9.84" (250mm) chain operator; Option of chain stroke programmings via magnet
- Programmable drive functions and different drive parameters
- Active closing edge protection (time controlled reversing when an obstacle is detected)
- 5-year manufacturer's warranty. Requires reading AFI Install Guide before purchase, and confirmation of project and installation specs by licensed electrical contractor

Programmable Features

Option of chain stroke programmings via magnet.

Chain stroke	Up to 250mm (varies by model).
Speed reduction	For the last seconds of closing, as a safety precaution.
Seal relief adjustment	Between 0-20mm to protect sash at closed position.

VCD 203

Part #	Color	Stroke (and force)
25.150.05	Silver	Up to 250mm (200N)
25.150.07	Black	Up to 250mm (200N)
25.150.06	White	Up to 250mm (200N)
25.150.00		Custom Build

Specifications

Supply Voltage	24VDC (-15% / +50%)
Nom. Current Draw	Approx 0.35A at 200N load
Limit stop	(Open): Built in limit switch (Closed) Integrated electronic power cut-off
Chain stroke (approx)	250mm (9.84")
Push force (Max)	200N (45 lbf +/- 3%)
Pull force (Max)	200N (45 lbf +/- 3%)
Chain speed	6mm/sec
Dimensions	300mm L x 47mm D x 30mm H (11⅞" x 1⅞" x 1⅛")
Run/Rest cycle	For every 60 sec running (on), must then rest (off) for 120 sec
Ambient Oper Temp	-10°C to +60°C (14°F to 140°F)
Listing	UL Recognized
Protection class	IP30
Colors	Powder-coated: Silver, White, or Black die cast zinc