

## Benefits

- Ideal for smart buildings; integrates with building and home automation systems.
- Certified for Smoke & Heat Extraction (SHE).

## Applications

VLD can be integrated into the window profile or on the profile (VLD with bracket) with the CDC, VCD and KA Series chain actuators.

## Features

- Compatible with multipoint cam locks
- Can be concealed in frame or curtain wall
- Stroke length: 38mm
- Multiple motors can be used on a single window, contact AFI for more information.



## VLD Series

Part #	Stroke	Force (Locking/Breakaway)
VLD51	38mm	500N/1000N

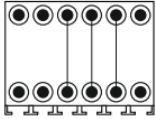
## Specifications

<b>Supply voltage</b>	24VDC (-15% / +50%)
<b>Nom. Current draw</b>	Approx 2.5A
<b>Limit stop</b>	Yes
<b>Stroke (approx)</b>	38mm
<b>Force Locking / Breakaway</b>	500N / 1000N
<b>Speed</b>	4.2mm/sec
<b>Dimensions</b>	493 x 25 x 25mm
<b>Ambient Oper Temp</b>	-10 °C to +60 °C (14 °F to 140 °F)
<b>Listing</b>	UL Recognized
<b>Protection class</b>	IP50

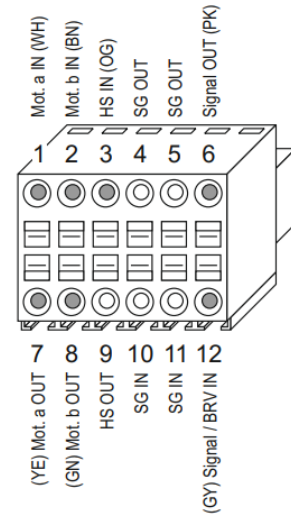
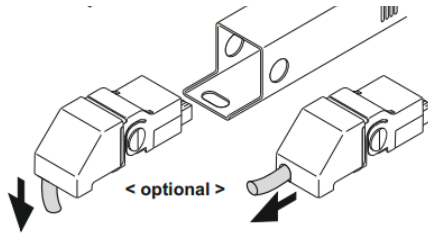
Discuss with AFI Sales & Support for your specific project/profile.

### Plug Connection

When delivered, the drive motor is prepared with a "BRV" status signal via junction box for the connection of a window drive. For other connection variants some strands need to be cut.



**Loop through terminals:**  
For looping through of e.g. alarm contacts or drive- position indicators, the floating connecting terminals (position indicator IN, position indicator OUT) can be maximally loaded with **60 V / 1 A**.



### Dimensions

