



Folding Arm²

Model: EA-KL²-range

"The new Folding Arm actuator is precision-designed in response to customer demand and new legislation, the new actuator offers improved performance, durability and flexibility."

- Opens in under 60 seconds and enables opening angles of up to 140 degrees, fully complying with the latest requirements of EN 12101-2 standards & is CE certified.

- Improved power output - the new arm can provide a force of up to 1,000N enabling the opening of large rooflights, utilising high-performance gearing. The unit is tested to up to 20,000 cycles using multiple arms on the same vent.

- Supplied with an input for the Application Programming software allowing you to adjust the stroke & force to suit your on-site applications.

- Aesthetically pleasing design resulting in minimal space usage inside buildings.



Folding Arm - Model EA-KL

Nominal Voltage:	24 V DC (- 15 % / + 25 %)
Nominal Current:	500N - 2.0A, 800N - 2.6A, 1000N - 3.0A
Stroke Length:	710 mm as standard. A reduced stroke can be factory programmed via the integral SimonLink software.
Force:	500 N, 800 N & 1,000N versions
Cut-Off:	Intelligent load-dependent cut off
Opening Speed:	14 mm/s
Case Dimensions:	500mm L x 58mm W x 210mm H
Ingress Protection:	IP 54 (higher protection available)
Switch Requirements:	24v Reverse Polarity Operation*
Temperature Range:	- 5 ° to + 75 ° C
Connection Cable:	Silicone 5 (6) x 0.75 mm ² , 2 m long
Weight:	Approx. 5.5 kg

Nominal Force - 500N : Max. Load - 2.0A

Model Type:	EA-KL ² 50
Model Reference:	M2 1471

Nominal Force - 800N : Max. Load - 2.6A

Model Type:	EA-KL ² 80
Model Reference:	M2 1470

Nominal Force - 1000N : Max. Load - 3.0A

Model Type:	EA-KL ² 100
Model Reference:	M2 1472

*The 24v supply must be removed for a minimum of 500ms before the reverse polarity voltage is applied. We recommend that an Easivent SP300 or SP600 control is used to ensure correct operation. We can provide an interface unit for existing panels that do not provide the required delay. For full technical & installation information please ask us for a copy of the O&M manual.

Bracket Reference - K2 1610



K-KL²-M
outward opening on
main opening edge

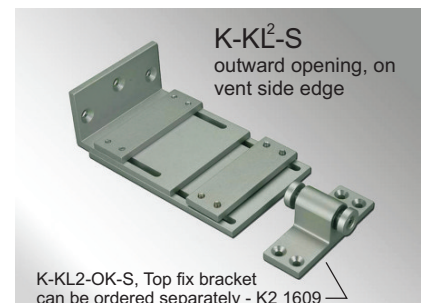
Bracket Reference - K2 1611



K-KL²-I
inward opening

K-KL2-OK-S, Top fix bracket
can be ordered separately - K2 1609

Bracket Reference - K2 1612



K-KL²-S
outward opening, on
vent side edge

K-KL2-OK-S, Top fix bracket
can be ordered separately - K2 1609