

Product data sheet

Power lock

Locking drive in combination with Slimchain, Powerchain or E 250 NT



Product features

System solution for locking in combination with the IQ windowdrive Slimchain, Powerchain and E 250 NT window drives
Automatic locking of the window through access to the window transmission
Meets high requirements for wind load, sealing in the event of rain and air tightness
Electronic position detection that unlocks the window before opening it
Electronic end position cut-off provides protection from maloperation and overload
High tensile and compressive force for up to six locking points
Locking and unlocking in six seconds
Synchronisation of up to two Power lock and four drives from the IQ windowdrive range is possible
Tested in conjunction with drives from the IQ windowdrive range according to EN 12101-2 (NSHEV)

Application Areas

Additional safety and protection against weather conditions
For natural ventilation, smoke and heat extraction systems, natural smoke and heat extraction device (SHEV)
Can be used in the exhaust air and air intake
Inward-opening windows with bottom-hung, side-hung, top-hung, swing and vertically centre pivoted leaves
Installation on wooden, PVC or metal windows
Leaf or frame installation

Product Data Table

Product features	Power lock
Possible stroke heights	22 mm
Opening speed ventilation	3.6 mm/s
Operating voltage	24 V, $\pm 25\%$
Current consumption	1.5 A
Power consumption	36 W
Duty rating	30 %
Connection cable length	2 m
Special length of power supply cable	5 m, 7.5 m
Cable dimensions	4 x 0.75 mm ²
Temperature range	-5 °C - 70 °C
IP rating / protection rating	IP42 / III
Adjustable opening speed (ventilation)	Yes
SHEV tested	Yes

Bottom-hung window INWARD-opening frame installation	Yes
Bottom-hung window INWARD-opening leaf installation	Yes
Side-hung window INWARD-opening frame installation	Yes
Side-hung window INWARD-opening door leaf installation	Yes
Top-hung window INWARD-opening frame installation	Yes
Top-hung window INWARD-opening leaf installation	Yes

Accessory

Product name
Leaf installation set
Leaf installation set for timber framed/PVC windows
Installation set frames