

Product data sheet

RWA 100 NT

Opening and locking system for inward opening bottom-hung, top-hung and side-hung leaves



Product features

System solution with profile-mounted E 250 NT spindle drive and a console set with locking device
Mechanical locking at the main closing edge by the spindle drive
Large opening width with short spindle stroke in less than 60 seconds
Synchro operation possible with two drives for wide window leaves
IQ windowdrive - intelligent drive control
SHEV tested according to EN 12101-2

Application Areas

Opening and locking of inward opening windows with bottom-hung, top-hung and side-hung leaves
Natural ventilation, smoke and heat extraction system, natural smoke and heat extraction device (SHEV)
Can be used in the exhaust air and air intake
Installation on wooden, PVC or metal windows

Product Data Table

Product features	RWA 100 NT
Space required (min.)	Locking side: 32 mm, motor side: 48 mm
Permissible dimensions of primary closing edge Solo for timber and aluminium frames	360 - 1200 mm
Permissible dimensions of primary closing edge Solo for plastic frames	360 - 800 mm
Permissible dimensions of primary closing edge Synchro for timber and aluminium frames	800 - 2400 mm
Permissible dimensions of primary closing edge Synchro for plastic frames	800 - 1.600 mm
Leaf heights for Solo and Synchro	520 - 1700 mm
Possible stroke heights	100 mm, 150 mm, 200 mm, 300 mm
Tensile force (max.)	750 N
Force of pressure (max.)	750 N
Panel weight (max.)	30 kg/m ²
Operating voltage	24 V (+30 % to -20 %)
Current consumption	1 A
Current consumption	Ventilation (24 V): 0.9 A, RWA (18 V): 1.0 A
Power consumption	20 W
Residual ripple (max.)	30 %
Connection cable length	2 m
Cable dimensions	4 x 0.75 mm ²

Temperature range	-5 °C - 75 °C
IP rating / protection rating	IP65 / III
Tandem function	Yes
Locking and additional angle bracket	Yes
End position cut-off extended	Internal path sensor
End position cut-off retracted	Internal path sensor
Overload cut-off	Yes
SHEV tested	Yes
Bottom-hung window INWARD-opening frame installation	Yes
Side-hung window INWARD-opening frame installation	Yes
Top-hung window INWARD-opening frame installation	Yes

Accessory

Product name

Locking secondary closing edge RWA 100

Bohrlehre für RWA 100E