

Product data sheet

RWA 100 NT

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



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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
Syncro 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-, top- and side-hung leaves
Natural ventilation, smoke and heat extraction system and SHEV according to EN 12101-2
Can be used in the exhaust air and air intake
Installation on wooden, PVC or metal windows

Product Data Table

Productname	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 Syncro for timber and aluminium frames	800 - 2400 mm
Permissible dimensions of primary closing edge Syncro for plastic frames	800 - 1.600 mm
Leaf heights for Solo and Syncro	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 (max.)	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

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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
INWARD-opening bottom-hung window frame installation	Yes
INWARD-opening side-hung window frame installation	Yes
INWARD-opening top-hung window frame installation	Yes

Accessory

Product name
Locking secondary closing edge RWA 100
Bohrlehre für RWA 100E