

Product data sheet

RWA 105 NT

Opening and locking system for post-rail constructions



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Product features

System solution with profile-mounted E 250 NT spindle drive and a console set with locking device
Double mechanical locking at the main closing edge by the spindle drive
Very few space needed on the frame
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

Natural ventilation, smoke and heat extraction system, natural smoke and heat extraction device (SHEV)
Opening and locking of inward opening windows with bottom-, top- and side-hung leaves in post-rail façades
Installation on wooden, PVC or metal windows

Product Data Table

Productname	RWA 105 NT
Space required (min.)	Cover frame: 18 mm, leaf: 38 mm, post-rail height max. 125 mm
Permissible dimensions of primary closing edge Solo for timber and aluminium frames	depending on stroke
Permissible dimensions of primary closing edge Solo for plastic frames	depending on stroke
Permissible dimensions of primary closing edge Synchro for timber and aluminium frames	depending on stroke
Permissible dimensions of primary closing edge Synchro for plastic frames	depending on stroke
Leaf heights for Solo and Synchro	depending on stroke
Possible stroke heights	100 mm, 150 mm, 230 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

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