

# Product data sheet

## RWA 110 NT



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

### AREAS OF APPLICATION

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

**PRODUCT FEATURES**

- System solution with profile-mounted E 250 NT spindle drive and a bracket 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
- Tested as a natural smoke and heat exhaust ventilation device (SHEV) in accordance with EN 12101-2

**TECHNICAL DATA**

Productname	RWA 110 NT
Space needed (min.)	Leaf frame: min. 33 mm, cover frame: min. 45 mm
Permissible dimensions of primary closing edge Solo for timber and aluminium frames	430 – 1200 mm
Permissible dimensions of primary closing edge Solo for plastic frames	430 – 800 mm
Permissible dimensions of primary closing edge Synchro for timber and aluminium frames	850 – 2400 mm
Permissible dimensions of primary closing edge Synchro for plastic frames	850 – 1600 mm
Leaf heights for Solo and Synchro	600 – 1600 mm
Force of pressure (max.)	750 N
Compressive force	750 N
Tensile force	750 N
Panel weight (max.)	30 kg/m <sup>2</sup>
Voltage at operation	24 V (+30 % to -20 %)
Operating voltage	24 V DC
Current consumption	1 A
Current consumption according to area of application	Ventilation (24 V): 0.9 A, RWA (18 V): 1.0 A
Power consumption	22 W
Residual ripple	20 %
Duty rating	30 %
Connector cable length	2 m
Min. core cross section	0.75 mm <sup>2</sup>
Number of cores	4 cores
Service temperature	-5 – 75 °C
IP rating	IP65
protection rating	III
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

# RWA 110 NT



SHEV tested	Yes
KNX ability	Yes
Bottom-hung window OUTWARD-opening leaf installation	Yes
Side-hung window OUTWARD-opening door leaf installation	Yes
Top-hung window OUTWARD-opening leaf installation	Yes

## NETWORKING



## VARIANTS / ORDER INFO

### Designation

RWA 110 NT
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RWA 110 NT
RWA 110 NT
RWA 110 NT
RWA 110 NT
RWA 110 NT
RWA 110 NT
RWA 110 NT - special version

## ACCESSORIES

### SERVICE CASE IQ WINDOWDRIVE

For commissioning and parameter setting of the window drives from the IQ windowdrive range



Designation	Description	Ident-No.	Colour	Supply voltage
Service case GEZE IQ windowdrive	for commissioning of 24 V window drives and for parameter setting of the IQ windowdrive drives in combination with the ST 220	142586	silver-coloured	100 - 240 V AC

## RWA 110 NT



### IQ BOX KNX

Interface module to connect the Slimchain, Powerchain, E 250 NT and F 1200+ window drives in the KNX building bus



#### Designation

IQ box KNX

IQ box KNX

### GEZE POWER SUPPLY NT 1.5A-24V HS

24 V power supply for top hat rail mounting



#### Designation

Power supply NT 1.5 A-24 V HS

### POWER SUPPLY NT 2.5 A-24 V HS \*

24 V power supply for top hat rail mounting



#### Designation

Power supply NT 2.5 A-24 V HS \*

### POWER SUPPLY NT 6.25 A-24 V HS \*

24 V power supply for top hat rail mounting



## RWA 110 NT



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### Designation

Power supply NT 6.25 A-24 V HS \*

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### ST 220

Service terminal for the wireless and wired parameter setting of GEZE door and window products



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### Designation

ST 220 service terminal

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### IQ GEAR \*

Interface for activation of the Slimchain, Powerchain and E 250 NT window drives in ventilation mode



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### Designation

IQ gear \*

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\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.