

Product data sheet

RWA 105 NT *



Opening and locking system for mullion-transom constructions

AREAS OF APPLICATION

- 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 mullion-transom façades
- 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
- 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
- Tested as a natural smoke and heat exhaust ventilation device (SHEV) in accordance with EN 12101-2

TECHNICAL DATA

Productname	RWA 105 NT *
Space needed (min.)	Cover frame: 18 mm, leaf: 38 mm, mullion-transom 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
Force of pressure (max.)	750 N
Compressive force	750 N
Tensile force	750 N
Panel weight (max.)	30 kg/m ²
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 ²
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

RWA 105 NT *

Overload cut-off	Yes
SHEV tested	Yes
KNX ability	Yes
Bottom-hung window INWARD-opening leaf installation	Yes
Side-hung window INWARD-opening door leaf installation	Yes
Top-hung window INWARD-opening leaf installation	Yes

NETWORKING**VARIANTS / ORDER INFO****Designation**

RWA 105 NT *
RWA 105 NT Syncro *
RWA 105 NT *
RWA 105 NT Syncro *
RWA 105 NT *
RWA 105 NT Syncro - special version *
RWA 105 NT Syncro *
RWA 105 NT *
RWA 105 NT Syncro *
RWA 105 NT *
RWA 105 NT
RWA 105 NT Syncro *
RWA 105 NT Syncro
RWA 105 NT *
RWA 105 NT Syncro *
RWA 105 NT Syncro *
RWA 105 NT Syncro *
RWA 105 NT - special version *
RWA 105 NT *
RWA 105 NT *

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

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

RWA 105 NT *



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



Designation

Power supply NT 6.25 A-24 V HS *

ST 220

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



Designation

ST 220 service terminal

IQ GEAR *

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



Designation

IQ gear *

RWA 105 NT *



* 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.