Product data sheet

RWA K 600 F

Retractable arm drive for installation on windows

AREAS OF APPLICATION

- Smoke and heat extraction and natural ventilation (24 V)
- Inward opening windows with bottom-, top- and side-hung leaves
- Installation on wooden, PVC or metal windows
- Frame installation

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PRODUCT FEATURES

- 90° window opening in less than 60 seconds
- Powerful drive with high torque
- Connector cable easy to replace by means of plug
- Integrated status contact for feedback signals
- Integrated Syncro module that can operate a maximum of two drives without an external control unit
- Tested as a natural smoke and heat exhaust ventilation device (SHEV) in accordance with EN 12101-2

TECHNICAL DATA

Productname	RWA K 600 F
Dimensions	421 x 40 x 86 mm
Housing material	Aluminum
Locking force (max.)	3000 N
Compressive force	600 N
Tensile force	600 N
Voltage at operation	24 V ± 25 %
Operating voltage	24 V DC
Current consumption	1.4 A
Residual ripple	20 %
Duty rating	30 %
Connector cable length	5 m
Special length of connector cable	10 m
Min. core cross section	0.5 mm²
Number of cores	5 cores
Service temperature	-5 - 75 °C
IP rating	IP32
protection rating	III
Syncro function	Yes
Additional locking available	Yes
Type of additional locking mechanism	Locking drive
Type of stroke shortening	Synchronising unit
End position cut-off extended	Internal path sensor
End position cut-off retracted	Internal path sensor
Overload cut-off	Yes
NSHEV tested	Yes
Number synchronisation drive units	2
KNX ability	No
Bottom-hung window INWARD-opening frame installation	Yes
Side-hung window INWARD-opening frame installation	Yes

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Top-hung window INWARD-opening frame installation	Yes

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
RWA K 600 F		130151	EV1	421 x 40 x 86 mm	24 V DC
RWA K 600 F - special design	Can be configured: Version master/slave, status contact, colour, opening angle, free programming	130152	according to RAL	421 x 40 x 86 mm	24 V DC
RWA K 600 F 2-leaf with closing sequence - special version	Can be configured: Fixed/active leaf, start-up delay, status contact, colour, free programming	137452	according to RAL	421 x 40 x 86 mm	24 V DC
RWA K 600 F 2-leaf with closing sequence *		137451	EV1	421 x 40 x 86 mm	24 V DC

ACCESSORIES

BRACKET R FOR RWA K 600

Mounting bracket for K 600 retractable arm drive

Designation	Ident-No.	Colour	Dimensions	Material	EAN
Bracket R for RWA K 600	140506	according to RAL	422 x 50 x 40 mm	Aluminum	4042938405065
Bracket R for RWA K 600	130154	EV1	422 x 50 x 40 mm	Aluminum	4042938301541

DRIP LOOP *

Concealed cable transition for power supply of the window drives

Designation	Description	Ident-No.	Colour	Operating voltage	IP rating
Drip loop 4m/6m *	for power supply to window drives	193863	grey	48 V DC	IP67
Drip loop 2m/3m *	for power supply to window drives	193287	grey	48 V DC	IP67

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OPEN/CLOSE WINDOW CONTROL *

Open/Close window controler for simple ventilation control

Designation	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
OPEN/CLOSE window control unit 24 V - HS *	Control unit unit (individual, group, central, time) for 24 V window drives for installation on a top hat rail. Output current max. 8 A	163812	18 x 88 x 58 mm	24 V	Top hat rail mounting
OPEN/CLOSE window control unit 24 V - UP *	Control unit (individual, group, central, time) for 24 V window drives for installation in a flush-mounted box. Output current max. 8 A	163813	43 x 43 x 18.5 mm	24 V	Flush-mounted installation
OPEN/CLOSE window control unit 230 V - HS *	Control unit (individual, group, central, time) for 230 V window drives for installation on a top hat rail. Output current max. 10 A	163814	18 x 88 x 58 mm	230 V	Top hat rail mounting
OPEN/CLOSE window control unit 230 V - UP *	Control unit (individual, group, central, time) for 230 V window drives for installation in a flush-mounted box. Output current max. 10 A	163815	43 x 43 x 18.5 mm	230 V	
OPEN/CLOSE universal window control 230 V AC - TOP HAT RAIL *	Control (individual, group, central, time) with potential-free inputs for 230 V window drives for installation on a top hat rail. Output current max. 10 A	163816	18 x 88 x 58 mm	230 V	Top hat rail mounting

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	Output current (max.)
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	5.5 A

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GEZE POWER SUPPLY NT 1.5A-24V HS *

24 V power supply for top hat rail mounting

Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 1.5 A-24 V HS *	Output voltage 24 V DC, W x H x D: 35 x 90 x 58 mm, top hat rail assembly, 2 horizontal pitches	151425	black	35 x 90 x 58 mm	230 V AC

NT 2.5 A-24 V SM DIR POWER SUPPLY *

24 V power supply for surface-mounted installation with integrated direction control/polarity reversal

Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
NT 2.5 A-24 V SM DIR power supply *	Output voltage 24 V DC, W x H x D: 200 x 50 x 25 mm, surface-mounted, with integrated direction control/polarity reversal	195293	grey	200 x 50 x 25 mm	230 V AC

POWER SUPPLY NT 2.5 A-24 V HS *

24 V power supply for top hat rail mounting

Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 2.5 A-24 V HS *	Output voltage 24 V DC, W x H x D: 52 x 90 x 58 mm, assembly on top hat rail, 3 horizontal pitches	151424	black	52 x 90 x 58 mm	230 V

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POWER SUPPLY NT 6.25 A-24 V HS *

24 V power supply for top hat rail mounting

Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 6.25 A-24 V HS *	Output voltage 24 V DC, W x H x D: 72 x 95 x 66.5 mm, assembly on top hat rail, 4 horizontal pitches	192113	grey	72 x 95 x 66.5 mm	230 V DC +/- 10%

SURFACE-MOUNTED HOUSING *

Housing for surface mounting of top hat rail components such as power supply units or control units

Designation	Description	Ident-No.	Colour	Dimensions	IP rating
Surface-mounted housing *	Size: W x H x D = 193 x 130 x 82 mm. For electronic top hat rail components, e.g. power supply units	152010	white	193 x 130 x 82 mm	IP40

* 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.