

Product data sheet

F 1200+ drive *



Powerful ventilation drive for convenient and safe automation of aluminum bottom-hung and tilt-turn windows

AREAS OF APPLICATION

- Automation of large and heavy windows for natural ventilation
- Can be used for natural ventilation (24 V) in the façade area
- For inward opening turn and tilt and tilt windows
- Installation on aluminium windows
- Leaf installation



PRODUKTBESCHREIBUNG EN

The intelligent window drive offers great creative freedom even for large and heavy turn-and-tilt and bottom-hung windows: the powerful, yet very quiet drive can move the window to the desired tilted position and lock and unlock the window, so that a manual turning position can be set via the innovative operating element. The GEZE IQ box KNX makes integration into automated control concepts possible – for automated, natural ventilation solutions.

PRODUCT FEATURES

- Tilt and locking function plus manual turn function combined in one drive
- Achieves the full opening width of 180 mm for all leaf heights
- Ventilation with variable adjustment – from gap ventilation to the tilted end position
- Safe use thanks to limitation of bottom opening width and authorised operation of the turn function
- Excellent operating comfort thanks to non-powered, barrier-free and safe operation, variable drive positioning and user feedback
- Proximity sensor activates the control panel when the user approaches
- Brightness sensor adjusts illumination of the control panel to the ambient brightness
- Low-noise drive improves indoor comfort
- IQ windowdrive - intelligent drive control

TECHNICAL DATA

Productname	F 1200+ drive *
Dimensions	505 x 52 x 45 mm
Housing material	Aluminum
Opening width (max.)	180 mm
Opening speed ventilation	11 mm/s
Closing speed (max.)	15 mm/s
Unlocking force in turning position	500 N
Locking and unlocking force in tilted position	700 N
Panel weight (max.)	150 kg/m ²
Operating voltage	24 V DC +/-10%
Current consumption	2.5 A
Power consumption	60 W
Duty rating	30 %
Number of cores	3 cores
Service temperature	-5 - 70 °C
IP rating	IP40
protection rating	III
Adjustable opening speed (ventilation)	Yes
Overload cut-off	Yes
KNX ability	Yes

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

NETWORKING



VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Installed position	Leaf height (min.)	Colour
F 1200+ special design *	Spindle drive for motorising the F 1200 turn-and-tilt hardware Configurable: type of installation, lockable feature, stroke, speed, key operation, colour and accessories	191145		750 mm	according to RAL
F 1200+ *	Spindle drive for horizontal installation for motorising the F 1200 turn-and-tilt hardware	191143	left	750 mm	EV1
F 1200+ *	Spindle drive for horizontal installation for motorising the F 1200 turn-and-tilt hardware	191144	right	750 mm	EV1
F 1200+ *	Spindle drive for vertical installation for motorising the F 1200 turn-and-tilt hardware	191142	left	980 mm	EV1
F 1200+ *	Spindle drive for vertical installation for motorising the F 1200 turn-and-tilt hardware	193444	right	980 mm	EV1
F 1200+ configuration *	Spindle drive for motorising the F 1200 turn-and-tilt hardware Configurable: type of installation, lockable feature, stroke, speed, key operation, colour and accessories	204761		750 mm	

ACCESSORIES

IQ BOX SAFETY *

Safety module for protecting hazardous areas of power-operated windows



Designation	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
IQ box Safety *	Module for closing edge protection for window drives from the 24V IQ windowdrive series. One IQ box Safety is needed per window (also for Syncro applications and with locking drives). Top hat rail mounting (space needed 32 mm/2 TE)	187677	35 x 90 x 60 mm	24 V DC	Top hat rail mounting

IQ BOX KNX

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



Designation	Description	Ident-No.	Dimensions	Type of installation
IQ box KNX	Top hat rail variant (space requirement 18mm/1 TE). One IQ box KNX is required per window (also for Syncro applications and with locking drives).	164437	18 x 98 x 62 mm	Surface-mounted installation, Flush-mounted installation
IQ box KNX	Flush mounting variant. One IQ box KNX is needed per window (also for Syncro applications and with locking drives).	164443	50 x 45 x 19 mm	Surface-mounted installation, Flush-mounted installation

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 Installation on top hat rail, 3 division units	151424	black	52 x 90 x 58 mm	230 V

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 Installation on top hat rail, 4 division units	192113	grey	72 x 95 x 66.5 mm	230 V DC +/- 10%

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

DRIP LOOP *

Concealed cable transition for power supply of the window drives



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

* 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.