

# Product data sheet

# **F 1200+ system \***



High-performance tilt and turn hardware system for daily ventilation for standard to very large window elements

## **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 and frame installation



## PRODUCT DESCRIPTION

This powerful drive system offers plenty of 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

- 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
- Brightness sensor adjusts illumination of the control panel to the ambient brightness
- Proximity sensor activates the control panel when the user approaches
- Optional extendible fitting system with aid of vertical and horizontal central locking systems in accordance with leaf size
- Safe locking for almost any number of bolt points

## TECHNICAL DATA

Productname	F 1200+ system *
Leaf width (min.)	750 mm
Leaf width (max.)	2400 mm
Leaf height (min.)	750 mm
Leaf height (max.)	3500 mm
Leaf weight (max.)	200 kg
Panel weight (max.)	150 kg/m <sup>2</sup>
KNX ability	Yes
Opening speed ventilation	11 mm/s
Opening width (max.)	180 mm
Overload cut-off	Yes

## NETWORKING



**F 1200+ system \*****PART****F 1200+ DRIVE \***

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



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	

**F 1200 BASIC HARDWARE \***

Cranked turn-and-tilt hardware for manual ventilation of rooms and staircases



Designation	Description	Ident-No.	Colour	Installed position	Leaf width (min.)
F 1200 basic hardware *	without gear, for vertical gear installation / Cranked turn-and-tilt hardware for manual ventilation of rooms and staircases	062910	silver-coloured	left	750 mm
F 1200 basic hardware *	without gear, for vertical gear installation / Cranked turn-and-tilt hardware for manual ventilation of rooms and staircases	062908	silver-coloured	right	750 mm

**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

**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	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, 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, Flush-mounted installation

**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

**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%

**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.