

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



PRODUKTBESCHREIBUNG EN

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 ² |
| KNX ability | Yes |
| Opening speed ventilation | 11 mm/s |
| Opening width (max.) | 180 mm |
| Overload cut-off | Yes |

NETWORKING



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 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 |

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.