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|  | ......................... pcs. .............................. € .............................. €  **GEZE** **opening and locking system RWA 110 NT for a smoke and heat extraction system**  For daily aeration and ventilation as well as safe and fast smoke and heat extraction and smoke dissipation at vertically installed, outward opening bottom, top and side-hung casements1). For casement installation.    Electric spindle drive E 250 NT in 24 V version with 1 mechanical leaf locking mechanism.  Load switch-off and end-position cut-off must be implemented electronically.  For large windows synchronised tandem operation without an external additional module must be provided. Activation and setting of the synchro function is achieved by means of integrated DIP switches, without additional programming being necessary.  The control is carried out via the GEZE emergency power control unit in the event that the smoke and heat extraction system is triggered.  Daily use of the ventilation function is carried out using the GEZE vent switch.  The mechanical locking must take place at the primary closing edge.  The drive allows mechanical secondary locking  at the secondary closing edge on the motor side.  1) Other types of casements (pivot or turn casement) are possible on request  **Technical data:**  Stroke: 150/200/300  Tensile force and pressure: 750 N/750 N  Voltage: 24 V DC / 230 V AC with external mains adapter  Current consumption: Ventilation (24 V): 0.9 A; RWA (18 V): 1.0 A  Enclosure rating: IP 65  Ambient temperature: -5°C to +70°C  Connection cable: 2 m, silicon sheathed\*  \* Special lengths on request  Suitable for installation in tested and certified **GEZE** **SHEVs** in accordance with EN 12101-2.  **Casement size:** ........ mm width  ........ mm height  **Motor stroke:**  ( ) E 250/150 Casement height: 600 – 850 mm  Opening width: approx. 540 mm  ( ) E 250/200 Casement height: 650 – 1000 mm  Opening width: approx. 650 mm  ( ) E 250/300 Casement height: 900 – 1600 mm  Opening width: approx. 880 mm  Max. casement width for wood or aluminium: 1200 mm Syncro 2400 mm  Max. casement width for plastic: 800 mm Syncro 1600 mm  Min. casement width: 430 mm  Max. casement height: 1600 mm  Min. casement height: 600 mm  **Specifications based on bottom-hung or top-hung casements**  Opening width: ........ mm  (determined by the casement height and drive stroke)  Panel weight max.: 30 kg/m²  Space required:  on the window frame: 45 mm  on the casement: 33 mm  **Colour:**  ( ) EV1  ( ) white  ( ) RAL ........ |
|  | ......................... pcs. .............................. € .............................. €  **Synchronised tandem operation for wide windows**  For leaf widths greater than 1200 mm and/or 800 mm, 2 RWA 110 NTs are required. The E 250 NT drives used have an integrated synchronic control unit which is activated via the DIP switch. |
|  | ......................... pcs. .............................. € .............................. €  **Notes:**  An additional hinge is required on the drive side for load distribution.  You also require an emergency power control unit **GEZE E 260 N, THZ, THZ Comfort** or **MBZ 300** and accessories. Power supplies, **IQ gear** and vent switches that can be supplied separately are required for 230V ventilation applications. |
|  | ......................... pcs. .............................. € .............................. €  **Installation and functional test**  Installation and functional test by an expert authorised by the manufacturer. |
|  | ......................... pcs. .............................. € .............................. €  **Start-up and official approval**  Official approval of the complete smoke and heat extraction system by an officially recognised expert, who also hands over the acceptance certificates. |
|  | ......................... pcs. .............................. € .............................. €  **Service maintenance - compact package**  **Maintenance and testing of hold-open systems**  **(optional position)**  Service package for maintenance and testing according to ASR A1.7 as well as according to manufacturer’s specification with the following performance features:  - One maintenance per contract year  - Free provision and updating of the test documents  - Attachment of the inspection sticker  - Fault diagnosis and repair jobs during the contract period will be carried out at reduced hourly rates  - Service technicians will be deployed within 24 hours of the message being received from Monday – Friday between 7 am and 5 pm without surcharges  - Personal availability at the help desk 24 hours a day, 365 days a year  - Contract run time: 2 years |
|  | ......................... pcs. .............................. € .............................. €  **Service maintenance - comfort package**  **Service maintenance (optional position)**  Comfort service package for maintenance and accident prevention inspection in accordance with ASR A1.7 as well as according to manufacturer’s specification with the following performance features:  - Extension of the warranty to 36 months  (condition: the maintenance contract is concluded 3 months after the commissioning date at the latest)  - One maintenance per contract year  - Free provision and updating of the test documents  - Attachment of the inspection sticker  - No separate charging for services and travel costs during the warranty period  - No separate charging for consumables up to € 25 per maintenance  - No separate charging for working hours when spare parts are replaced during the maintenance  - Personal availability at the help desk 24 hours a day, 365 days a year  - Contract run time: 3 years |
|  | ......................... pcs. .............................. € .............................. €  **Delivery and installation**  Wiring to be carried out on site by an electrical contractor according to the GEZE cable plan. Delivery, installation and commissioning through plant fitters or service partner. Safety analysis, instruction of the operator as to how the system works and handing over of the documentation.  Annual maintenance and technical inspection by an expert authorised by the manufacturer incl. documentation of the inspection in an inspection log. |