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|  | ......................... pcs. .............................. € .............................. € GEZE electric chain drive ECchain For daily aeration and ventilation with vertically installed windows with inward and outward opening bottom-hung, top-hung and side-hung casements.  Electric chain drive as a direct opener in 230 V version.  The stroke can be adjusted via the cable connection on the drive to 200 and 400 mm. The drive must be equipped with built-in limit switches and overload protection. Overload cut-off must be controlled electronically.  Drive fixtures and chain attachments allow easy installation from the front.  **Technical data:**  Stroke: 200 and 400 mm  Tensile force/pressure: 250 N/250 N  Voltage: 230 V AC  Current consumption: 0.13 A  Enclosure rating: IP 30  Ambient temperature: -5 °C to +60 °C  Connection cable: 2 m, PVC  **Version:**  Solo ( )  **Type of installation:**  ( ) supported  **Type of window:**  ( ) Bottom-hung casement ( ) Top-hung casement ( ) Side-hung casement  ( ) inward opening ( ) outward opening  **Casement dimensions:** ........ mm width  (min. 430 mm)  ........ mm height  (min. 400 mm, depending on the type of window, panel weight, stroke and type of   installation)  **Casement material:**  ( ) Wood  ( ) Aluminium  ( ) Plastic  **Opening width:** ........ mm or max. ....... mm  (to be completed by the bidder)  **Colour:**  ( ) grey RAL 7035  ( ) white RAL 9016  ( ) black RAL 9005  **Note:**  When used on bottom-hung casements, we prescribe the use of separate safety scissors (2 pieces) for product liability reasons, e.g. **GEZE safety scissors no. 35 or no. 60**. |
|  | ......................... pcs. .............................. € .............................. €  ( ) Safety scissors (2 pcs.) |
|  | ......................... 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 |
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|  | ......................... 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. |