KAD-EMDF PULL

Fire Rated, Satin Anodised Aluminium

Description

Geze Low Energy / Fully Automatic Drive System for Automatic 'Pull' Swing Doors up to 230kg Leaf Weight - Fire Rated



Product Summary

Electro-mechanical drive system for automatic 'pull' swing doors. Internal or external, single or double leaf doors, fire and/or smoke rated, up to 230kg leaf weight

Certification

European Norm	hEN1154
Product Classification	③⑧⑤①①⓪ ____③_____
EC Certificate of Conformity No.	DOL & DOC 167892-03
Certifire No.	CF860
Declaration of Performance	No Requirement
Other Test Evidence	n/a

BIM Assist™

CE

Certifire

BC(A)R Assist™*

Guarantee **1 Year**

Last Reviewed 17/02/2026

* ROI Only

For the purpose of continual product development, KCC reserves the right to change specifications without notice.
Please accept all dimensions as approximate. E&OE. © KCC Group 2026.

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Description

Geze Low Energy / Fully Automatic Drive System for Automatic 'Pull' Swing Doors up to 230kg Leaf Weight - Fire Rated



Areas of Application

- Electro-mechanical drive system for automatic pull swing doors
- Suitable for internal or external applications and high access frequency use
- For single or double leaf door configurations
- 2-leaf doors: distance centre door hinge drive axis 1500–2800 mm
- For left- and right-hand closing doors
- Suitable for fire and/or smoke rated doors (where the doorset/certification permits)
- For single-action swing doors up to 1400 mm leaf width or 230 kg door leaf weight
- Door leaf or transom installation options

Features

- Compact slim drive: only 70 mm high for a discreet installation
- Moves large and heavy doors smoothly and quietly
- Low-wear, maintenance-free high-power motor for reliable operation in heavily frequented environments
- Fully adjustable parameters, including opening speed, closing speed, and latching action
- Automatic reversal if an obstacle is detected during operation

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Technical Characteristics

- Height: 70 mm
- Depth: 121 mm
- Length: 650 mm
- Leaf weight (max.) 1-leaf: 230 kg
- Distance centre door hinge-drive axis (min.-max.) 2-leaf: 1500 mm - 2800 mm
- Leaf width (min.-max.): 750 mm - 1400 mm
- Reveal depth (max.): 400 mm
- Door overlap (max.): 30 mm
- Drive type: Electromechanical
- Opening angle (max.): 130°
- Spring pre-load: EN 4 - EN 6
- DIN left: Yes
- DIN right: Yes
- Transom installation opposite hinge side with link arm: Yes
- Transom installation opposite hinge side with roller guide rail: Yes
- Transom installation hinge side with roller guide rail: Yes
- Door leaf installation hinge side with roller guide rail: Yes
- Mechanical latching action: Yes
- Electrical latching action: Yes
- Electrical closing sequence control: Yes
- Disconnection from mains: Main switch in the drive
- Activation delay (max.): 20 s
- Operating voltage: 230 V
- Power rating: 230 W
- Power supply for external consumers (24 V DC): 1000 mA
- Service temperature: -15 - 50 °C
- IP rating: IP20
- Mode of operation: Off, Automatic, Permanently open, Shop closing, Night
- Type of function: Fully automatic
- Automatic function: Yes
- Low-energy function: Yes
- Function smart swing: No
- Servo function: Yes
- Key switch function: Yes
- Airlock function: Yes
- Obstacle detection: Yes
- Automatic reversing: Yes
- Push & Go: adjustable
- Operation: Programme switch DPS, Programme switch integrated in the drive
- Parameter setting: GEZEconnects (PC + Bluetooth), Service terminal ST 220
- Standard conformity: DIN 18263-4, DIN 18650, EN 16005
- Suitability for fire protection doors: Yes
- Smoke switch integrated: No

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Functions

- Mode of operation can be set via a programme switch (DPS) or a programme switch integrated in the drive:
  - Automatic mode: The doors will automatically power open on entry or egress via the activation devices, and automatically close after a preset time
  - Servo function: Manual door opening is be supported by the drive and ensures that even heavy doors can be opened more easily
  - Push & go function: Can be activated on request, i.e. the door is only slightly opened by hand and the automatic activation opens the door completely
  - Low-energy function: Allows the drive to consume less energy, moving the door at a reduced speed
  - Interlocking door system function: Where two doors work together so that one door will open, when the other is closed. This could be a security feature or could be to create a draught lobby to reduce heat loss



Approvals

- DIN EN 16005
- DIN 18650
- DIN 18263-4

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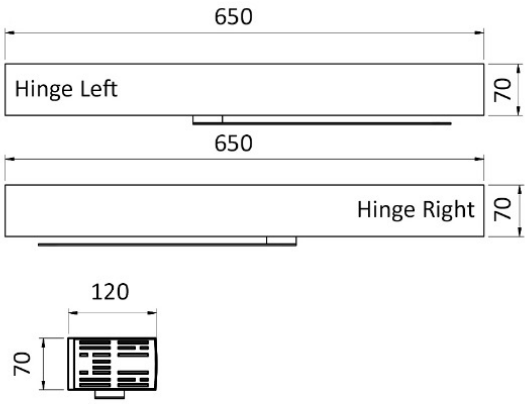
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Specification Text

SWING DOOR OPERATORS
· Standard: To BS EN1154.
- Door closing devices to fire/ smoke control doors: CE marked.
· Manufacturer: Geze
- Product reference: KAD-EMDF PULL
· Type: Low Energy / Fully Automatic Drive System for Automatic 'Push' Swing Doors up to 230kg Leaf Weight - Fire Rated
· Power size: 3-5
· Other functions: n/a
· Casing finish: [SPECIFY FINISH]
· Operational adjustment:
- Variable power: Matched to size, weight and location of doors.
- Latched doors: Override latches and/ or door seals when fitted.
- Unlatched doors: Hold shut under normal working conditions.
- Closing against smoke seals of fire doors: Positive. No gaps.
PERFORMANCE SPECIFICATION FOR SWING DOOR OPERATORS
· Standard: To BS EN1154.
- Door closing devices to fire/ smoke control doors: CE marked.
· Minimum classification grades:
- Category of use: 3
- Durability: 8
- Door closer power size: 3-5
- Suitability for use on fire/ smoke doors: 1
- Safety: 1
- Corrosion resistance: 0
· Type: Low Energy / Fully Automatic Drive System for Automatic 'Push' Swing Doors up to 230kg Leaf Weight - Fire Rated
· Other functions: n/a
· Casing finish: [SPECIFY FINISH]
· Operational adjustment:
- Variable power: Matched to the sizes and weights of doors.
- Latched doors: Override latches and/ or door seals when fitted.
- Unlatched doors: Hold shut under normal working conditions.
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