KAD-SLIMDRIVE SF-FR

Fire Rated, Satin Anodised Aluminium

Description

GEZE Drive System for Automatic Folding Doors - Fire Rated



Product Summary

The GEZE Slimdrive SF-FR is an electro-mechanical drive system for automatic folding doors, Internal or external - fire rated

Certification

European Norm	EN16005
Product Classification	Complies or exceeds the design guidelines as depicted
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)
Certifire No.	n/a
Declaration of Performance	n/a (No Harmonised European Norm)
Other Test Evidence	n/a

BIM Assist™

CE

BC(A)R Assist™*

Guarantee **1 Year**

Last Reviewed 20/12/2019

* ROI Only

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Please accept all dimensions as approximate. E&OE. © KCC Group 2026.

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Description

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Features

- The GEZE Slimdrive SF-FR is an electro-mechanical drive system for automatic folding doors, Internal or external - fire rated
- Overall height of only seven centimetres allows large passage heights
- Automatic adaptation to traffic flow where for example, the door adjusts its door hold open time to a longer time in busy periods and a shorter time in quiet periods
- Automatic reversal when an obstacle is detected
- Site selectable programming options via the Display Programming Switch (DPS) include:
    - Automatic mode: The doors will automatically power open on entry or egress via the activation devices, and automatically close after a preset time
    - Pharmacy opening: The doors can be programmed to have a limited width opening at certain times (staff opening up time etc.)
    - Shop closing mode: Exit only, traffic can flow in one direction only
    - Locked shop closing: As above, with a locking motor variant to prevent the door being manually opened from the outside. This is a motor upgrade
    - Night mode: Door is closed and locked (where applicable). May be overridden by a keyswitch for example
    - Hold open mode: This mode will drive the doors to the open position and maintain them in this position until another function is selected. This is commonly used on hot days
    - Automatic opening in the event of a power failure
    - Automatic opening in the event of a fault
- Electro-magnetic, b-stable, tooth belt locking design ensures that the doors remain in a secure locked position even in the event of a power failure

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Technical Characteristics

- Dimensions: H70mm x D282mm
- Scope: 4 leaf door systems
- Opening Width 4-leaf: 900mm - 2000mm
- Leaf Weight 4-leaf: 40kg
- Motor Type: Gear, two motors provided
- Motor Torque: 400 Ncm
- Opening/Closing Speed (Max.): 0.8/0.8 m/s
- Hold Open Time: 0 - 60s
- Adjustable Opening/Closing Force (Max.): 150N
- Locking: Toothed belt locking, electro magnetic, bi-stable
- Power
    - Voltage: 230V
    - Frequency: 50 – 60 Hz
    - Capacity Rating: 140 W
    - Disconnection from Mains: Main switch in the drive
    - Rechargeable Battery: NiCd, 24 V, 700 mAh
    - Power Supply for Peripherals: Yes
- Door Leaf Adjustment Vertical: 10mm
- Door Leaf Adjustment Horizontal: 6mm
- Anti-tilt Protection: Standard
- Self Cleaning: Yes
- Control Unit (DCU1-NT)
    - Fault Memory: Yes
    - Statistical Data Memory: Yes
    - Software Updates: Yes
    - Optional BUS Interface: Yes
    - Connection for Fire Alarm System: Yes
    - Programmable Inputs: 3
    - Programmable Outputs: 2
- Temperature Range: -15 to +50 °C
- IP Rating: IP20
- Automatic Opening in the Event of a Power Failure: Adjustable
- Automatic Closing in the Event of a Power Failure: Adjustable
- Function in the Event of a Power Failure: Adjustable. Battery backup would allow for up to 30 min./ 30 cycles
- Automatic Opening in the Event of a Fault: Not available

Standards

This product meets / surpasses the following:

- DIN 18650: The industrial standard DIN 18650 was created to guarantee operators and users of automatic doors optimum safety. GEZE sliding door systems have been type-tested and certified in accordance with DIN 18650.
- EN 16005: The European standard EN 16005 sets out the design requirements and testing methods used to ensure the safe use of automatic doors. All automatic door systems and safety sensors from GEZE meet the EN 16005 standard
- DIN EN ISO 13849: Performance Level D
- EN 61000-6-2:2005/AC:2005
- EN 61000-6-3:2007/A1:2011/AC:2012
- EN 60335-1:2012/AC:2014
- EN 60335-2-103:201

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Specification Text

DOOR AUTOMATION
· Manufacturer: Geze
- Product reference: KAD-SLIMDRIVE SF-FR
· Type: Drive System for Automatic Folding Doors - Fire Rated
· Finish: [SPECIFY]

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