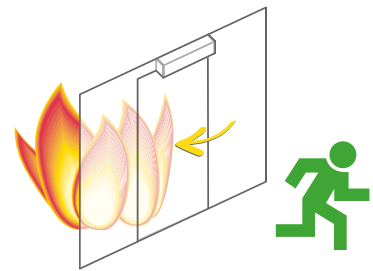


GILGEN FD 20-F SWING DOOR DRIVE UNIT (FIRE-RATED DOOR)

Only the best counts in a fire!

The FD 20-F offers convenient, day-to-day pedestrian access, but turns into a robust, highly resistant fire door and emergency exit if fire should ever break out.



Advantages of the Gilgen FD 20-F swing door drive unit:

Multiple functions

- Single and two-leaf doors available
- Electromechanical opening system
- Controlled, spring-actuated closure with motor assistance for day-to-day operation
- Drive-specific end-stop (optional)

Optimum fire protection

- In the event of a fire or power cut spring-actuated closure
- Simple resetting after fire alarm (on side cover)
- LED display for fire alarm, integrated into side cover
- Test-approved "inverse" power-down opening function to let smoke escape
- Two-leaf doors in combination with raised mechanical closing-sequence controller

Directly connectable to drive mechanism:

- Fire alarm control centre
- Up to 3 fire alarms per drive mechanism
- Manual activation / alarm reset
- Signalling (24 V / 0.1 A)
- 4 additional acoustic or optical signal generators (relay PCB)

Easy installation

- Universal fixing plate for fire protection profiles
- Optional pull/push-rod or sliding rod
- Consistent installation position
- All-pole, circuit-breaking master switch (integrated into side cover)

Initial startup made simple

The integrated LC display lets you configure drive functions and parameters such as:

- Operating sequence
- Opening angle
- Push and go function
- Electronic closing-sequence control for two-leaf doors (in day-to-day use)
- Interlock function
- Reinforced closure

Safety-tested

- TÜV-tested for conformity with EN 16005
- Tested to EN fire-prevention standards

For reliable, convenient operation

- Obstacle-detection system with automatic stop/reverse mechanism
- Optical sensor strips
- Smooth, noise-free opening and closing
- 100% electromechanical configuration
- Very low power consumption in standby
- Illuminated program selector keys integrated into side cover

Operating and safety elements

The mains power unit (24 VDC/2A) offers sufficient output for:

- Safety sensors
- Radar devices
- Contactless detection sensors
- Hand-held radio transmitter
- Key-operated pulse switches and badge/pass scanners
- Foot- or elbow-operated switches
- Electric locks and locking devices
- Gilgen D-BEDIX external control unit

