








## Gira Keyless In fingerprint reader System 55



Specification	Order No.	Packing unit	PS	EAN
 pure white glossy	2617 03	1	10	4010337035602
 pure white matt	2617 27	1	10	4010337035671
 anthracite	2617 28	1	10	4010337035589
 colour aluminium	2617 26	1	10	4010337035596
 black matt	2617 005	1	10	4010337037132
 grey matt	2617 015	1	10	4010337084990
 stainless steel (lacquered)	2617 600	1	10	4010337035688

### Features

- Installation in a device box.
- Stand-alone device or in combination with the Gira door communication system.

- For stand-alone operation, the integrated zero-voltage relay contacts are used for switching actions, e.g. for a door opener with its own power supply (e.g. common doorbell transformer).
- Start-up with direct configuration without a PC or programming software.

## Inputs and outputs

- Switching contact: Two relays with zero-voltage 2-way switch contacts, load capacity AC/DC 24 V / 1.6 A.
- Two connections for power supply.
- Fingerprint module as professional biometric access control system based on the new generation of surface-scan technology.
- Scanning the deepest layer of skin using high frequency. High detection rate and security against tampering.
- An evaluation of the unique characteristic features of the living human finger.
- Detection of signs of life in the finger.
- Up to 99 fingers can be managed by the fingerprint reader.
- Reliable detection of fingers which, for example, were slightly injured during gardening (only the top layer of skin was injured).
- Data protection through the use of encryption.
- Quick response time from fingerprint scan to enabling:
  - up to 30 saved fingers – approx. 1 s,
  - up to 99 saved fingers – approx. 3 s.
- Night design of the fingerprint surface for orientation using white LED illumination.
- 360° fingerprint readability.
- Three-colour LED status display for visual signalling during programming and operation.
- Master PIN number provided on included sealed safety card if Administrator finger is no longer available. The device can be reset at the factory with the accompanying safety card.
- Acknowledgement buzzer for acoustic signalling for user or installer.
- Audible warning in case of unauthorised removal of the fingerprint top unit, i.e. tamper detection. Tampering circuit with switching actuator in the door communication system.
- The two integrated 2-way switch relays can be assigned two different fingers, e.g. thumb: control of door opening; index finger: switching outdoor lighting.

## Inputs and outputs

- Connection cable connector strip for the Gira door communication system.

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## Technical data

### Protection type

- System 55, Gira F100: IP20
- TX\_44: IP44

### Power supply

- from power supply for door communication: DC 24 V  $\pm$ 10 %
- from the door communication system: DC 26 V  $\pm$  2 V

### Relay

- Number: 2
- Contact: 1 2-way momentary contact zero-voltage
- Load capacity: AC/DC 24 V / 1.6 A

### Connections

- Connection cable for door communication: 1 x connector strip
- Relay: 3 screw terminals each
- Additional power supply: 2x screw terminals

Resistance to EMD: up to 15 kV

Installation depth: 33 mm.

Ambient temperature: -20 °C to +70 °C

## Notes

- Keyless In devices can be connected to the Gira HomeServer using the DCS-IP gateway. This enables intelligent links. In this way, e.g. temporary or one-time access authorisation can be easily granted. All data including access authorisations can be managed centrally and flexibly using the Gira HomeServer.
  - Children's fingers can generally first be reliably detected from 6 years of age.
  - Integration possible in Profile 55.
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