

Wall mounting

Short-time and defrost time switches



24 h

60 min



FRIGGA 77



FRIGGA 77-2

■ FRI 77 FRIGGA without power reserve

- Synchronous time switches without power reserve for surface-mounted installation
- Short-time switches to control for example defrosting operations in refrigerating and ventilating systems
- Sturdy clock mechanism with two separate program dials
- 24 hour program dial for preselection of the hour at which brief switching should occur.
- 60 minute program dial for adjustment of brief contacting duration.
- Type "g" allows delayed switching of the ventilator

Segments for FRI 77

red
Order No.
934 3 246



green
Order No.
934 3 261



Common technical data:

Nominal voltage: 230 V~, ± 10 %

Frequency: 50 Hz

Power consumption: approx. 2.5 VA

Contact: floating gap less than 3 mm (μ)

Contact material: AgCdO

Switching capacity:

16 A, 250 V~, cos φ = 1

2.5 A, 250 V~, cos φ = 0.6

Switching accuracy: depending on the net frequency

Permissible ambient temperature: -10 °C...+50 °C

Housing and insulating material:

high temperature resistant,
selfextinguishing thermoplastics



Protection class:

IP 20 in accordance with EN 60 529

Special version without housing IP 00

Degree of protection:

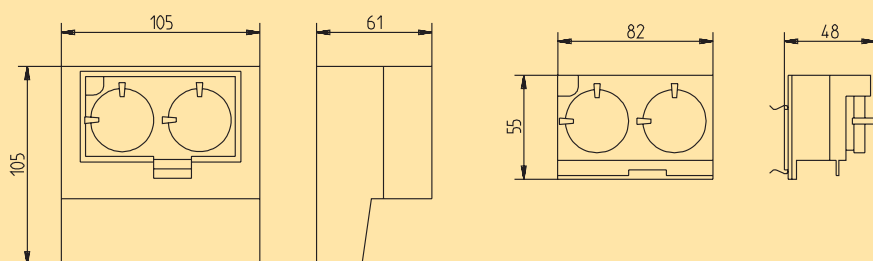
II in accordance with EN 60 730-1

Test approvals: national and international
depending on device type  

Weight: 265 g (with housing)

Wiring diagrams see page 91.

Dimension drawings



Design:

- FRI 77: Housing for wall mounting, with transparent cover.
- FRI 77-2: Mechanism without housing with snap-on fixing for top-hat rails (35 mm, DIN EN 50022), can be attached horizontally or vertically

Type	Program dial	Design in mm	Programmable every ...	Minimum switching interval	Tappet complement	Switching contacts	Nominal current at 250 V~	Order No.
FRI 77 h	60 min 24 h	wall mounting 105 x 105 x 61	1 minute/ 1 hour	2 minutes/ 1 hour	2 x green 4 x red	1 changeover switch	16 (2.5) A	077 0 008
FRI 77 g	60 min 24 h	wall mounting 105 x 105 x 61	1 minute/ 1 hour	2 minutes/ 1 hour	4 x green 4 x red	2 changeover switches	16 (2.5) A	077 0 033
FRI 77 h-2	60 min 24 h	drive with rapid mounting 55 x 82 x 48	1 minute/ 1 hour	2 minutes/ 1 hour	2 x green 4 x red	1 changeover switch	16 (2.5) A	077 0 802
FRI 77 g-2	60 min 24 h	drive with rapid mounting 55 x 82 x 48	1 minute/ 1 hour	2 minutes/ 1 hour	4 x green 4 x red	2 changeover switches	16 (2.5) A	077 0 832