

Data Sheet

FP720 & TS710

Heating Timers

Application



FP720 & TS710 heating timers provide flexible schedule setups to suit your lifestyle and ensure that heating is only called for during the normal home routine. The timers are used to switch your gas boiler either directly or via motorised zone valves and when used together with room thermostats can provide full heating and comfort control.

Both FP720 and TS710 include a large, easy to read backlit display with straightforward intuitive layout. Current day, time and on/off period is shown in the large top section along with icons showing status of the output channels.

By pressing the CH channel button the user has the option to override each of the output relays. At the bottom of the display the channel setting is shown where the user can select for Auto, +1hr Boost or Constant On or Off control. This is shown for the single channel on TS710 or both channels on FP720.

FP720 can be setup to control heating and domestic hot water channels with separate schedules or 2 heating zones. Again the display differentiates between these setups and indicates the channel type on the display.

Functions

TS710 Time Switch

Single channel switching with volt free relay.

Additional features:

- **7 Day, 5/2 Day & 24Hr schedules**
- **1, 2 or 3 heating periods (2, 4 or 6 events)**
- **Auto, Boost, On or Off modes**
- **Holiday override**
- **Service Due Timer**

FP720 Full Programmer

2 channel switching with 230Vac outputs.

Other features in addition to TS710:

- **Seperate user channel overrides**
- **Heating/DHW or 2 Heating channel setup**
- **Heating and Hotwater icons**

Ordering

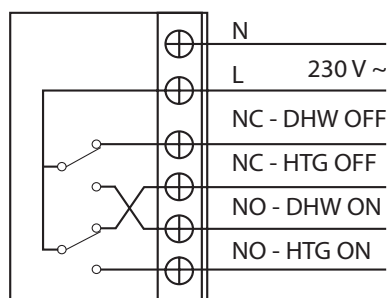
Product	Type	Supply voltage	Output	Code no.
FP720	Full Programmer	230 Vac	2 x 230 Vac	087N7882
TS710	Time Switch	230 Vac	V/F Relay	087N7881

Technical specifications

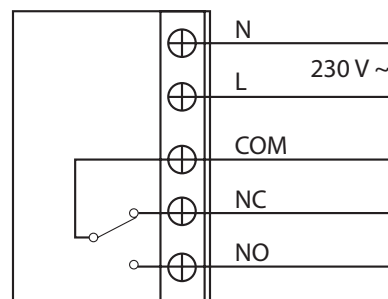
Feature	FP720	TS710
Type	LCD backlit display with push buttons	
Schedule options	7 Day / 5-2 Day / 24Hr 1, 2 or 3 heating periods	
Battery back-up	Yes	
LCD Backlight	Yes	
Output	2x 230 Vac	Volt Free
Switch rating	3A (1) at 230 Vac	
Switch type	2x SPDT Type 1B internally linked	1x SPDT Type 1B
Power Supply	230Vac +/- 10% 50/60 Hz	
IP rating	IP30 (installed)	
Approval	CE marking, EN60730	
Control pollution situation	Degree 2	
Rated impulse voltage	2.5kV	
Ball hardness test	75°C	
Software classification	A	

Wiring connections

FP720



TS710



Danfoss Limited

Heating Segment • heating.danfoss.co.uk • +44 (0)330 808 6888 • E-mail: customerservice.uk@danfoss.com

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without consequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and all Danfoss logotypes are trademarks of Danfoss A/S. All rights reserved.