



Danfoss

GP Range



Proven reliability, easy to use
*general purpose timeswitches
and mini-programmers*

- Proven reliability
- Easy to use
- All units interchangeable on the same wallplate
- Available in 24 hour, 5/2 day and 7 day versions
- Available in electro-mechanical and electronic versions
- All models show clearly the state of output



103E7 and 102E7



103 and 102

Danfoss Randall Ltd

Ampthill Road, Bedford, MK42 9ER, T: 0845 - 1217 400, F: 0845 - 1217 515

www.danfoss-randall.co.uk



GP Timeswitches



Ideal for systems where heating and domestic hot water are required at the same time.

A range of general-purpose timeswitches and mini-programmers, which provide either a single output circuit (103 timeswitch range) or linked outputs for water and heating (102 mini-programmer range).

Both ranges include easy to use 24-hour electro-mechanical models, plus two electronic models, which offer 5/2 day or 24 hour and 7-day or 5/2 day operation.

All models fit the GP wallplate and have an identical wiring configuration, allowing systems to be upgraded without the need for rewiring.

The electro-mechanical 102 programmer and 103 timeswitch have a thumbwheel, which allows early selection of future switching operations. All models show clearly the current state of the output.

The electronic units have extra programmes and overrides, and incorporate a battery to provide back up of time and programme.

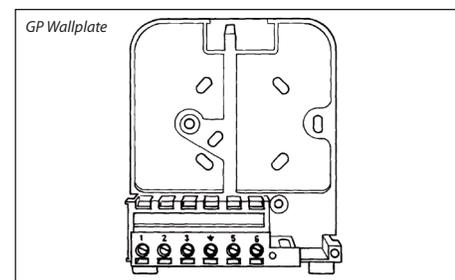
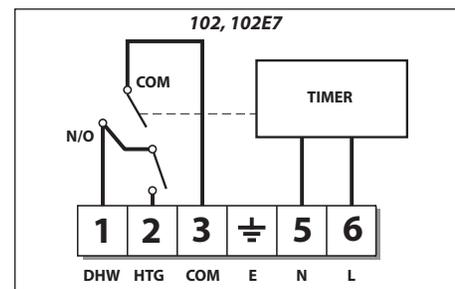
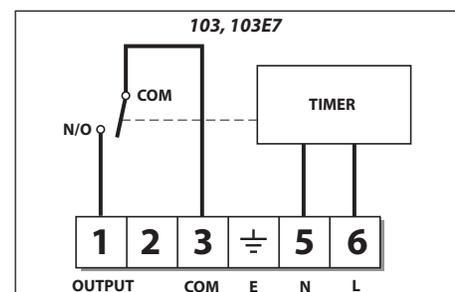


from left to right; 103 and 103E7.

Features	102	103	102E7	103E7
Code No.	087N652100	087N652300	087N653600	087N653800
Electro-mechanical	24 hour			
Electronic	7 day or 5/2 day			
HW only or HW and CH
Programmes selectable	Water only Off Water & Heating	Timed Off On	Off Auto Allday On	
Factory pre-set programmes (all changeable)	.			
On/Offs per day	2		3	
Advance override	.			
+1 hour override	.			
Voltage rating	230 Vac \pm 15%, 50/60 Hz		230 Vac \pm 15%, 50/60 Hz	
Contact rating	6 (2.5) A		3 (1) A	
Switching action	SPST (voltage free)		SPST (voltage free)	
Max. ambient temperature	55°C		45°C	
Memory back-up	N/A		min. of 24 hours	
Dimensions (mm)	106 wide x 135 high x 63 deep		102 wide x 136 high x 47 deep	

Please note; the 102E5 and 103E5 are no longer in manufacture. Please refer to the 102E7 and 103E7

Wiring Details



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