ENGINEERING TOMORROW

Programmable Room Thermostats – RF

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

* Connections shown are for RF Receiver

Model	Replacement	Code number	Neutral	Live	COM	ON	OFF			
			N*	L*	COM*	NO*	NC*		S1	S2
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.							
TP5000-RF Si	**TP5001-RF**	**087N7934**	N*	L*	2*	3*	4*		-	-
TP5000A-RF Si	**TPOne-RF**	**087N75400**							S1	S2

Room Thermostats – Battery & Mains

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

Model	Replacement	Code number	Neutral	Live	Common	OFF	ON			
			N	L	COM	NC	NO			
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.							
RET230-P	**RET1001-M**	**087N6460**	N	L	2	3	1			
RET1000-M					3	1	2			
RET1000-MS										
RET2000-M	**RET2001-M**	**087N6470**			1	3	2			
RET2000-MS						3				
FMT230-D					COM	NC	NO			
RET1000-B	**RET2001-B**	**087N6471**	-	-	1	3	2			
RET2000-B										

Room Thermostats – RF

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

* Connections shown are for RF Receiver

Model	Replacement	Code number	Neutral	Live	COM	ON	OFF			
			N*	L*	COM*	NO*	NC*		S1	S2
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.							
RET2000B-RF	**RET2001-RF**	**087N7474**	N*	L*	2*	3*	4*			

Room Thermostats – Opentherm

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

Model	Replacement	Code number			Opentherm Connections		Set Back Connections (ORT-10)				
					A	B	1	2			
					Connections on current wallplate, mark wires and reconnect as above, link as instructed.						
ORT-01	**RET2001-OT**	**087N6475**			A	B	-	-			
ORT-10							3	4			
RET2000-OT							1	2			

Model | Replacement | Code number | Wallplate connections & functions

Danfoss Ltd · Heating · Capswood · Oxford Road · Denham · UB9 4LH
Tel: +44 1895 617000 · Email: customerservice.uk@danfoss.com · Website: danfoss.co.uk

AD323652584470EN-GB101

© Copyright Danfoss | Pravda.dk | 2019.11

ENGINEERING TOMORROW

Danfoss Electronic Room Controls

Speed up your product selection with this **compatibility guide**

You are busy. That is why our new Electronic Room Controls offer a reduction in product numbers to make finding the right product faster than ever.

70%
reduction in product numbers – still the same number of applications covered

installer.danfoss.co.uk

Model	Replacement	Code number	Wallplate connections & functions

Time Switches

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

				Neutral	Live	Common	OFF	ON			
				N	L	COM	NC	NO			
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.								
TS715 Si 103E7 SET 1E	**TS710**	**087N7881**		N 5 N	L 6 L	1 3 5	2 6	4 1 4			

Programmers

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

				Neutral	Live	DHW OFF	HTG OFF	DHW ON	CH ON		
				N	L	NC	NC	NO	NO		
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.								
FP715 Si CP715 Si FP975 102E7 SET 2E SET 3E	**FP720**	**087N7882**		N 5 N	L 6 L	1 3 - - 3	2 6 - - 6	3 1 4	4 2 4		

Programmable Room Thermostats

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below

						OFF	COM	ON			
						1	2	3			
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.								
TP5000 Si TP7001	**TP5001-B**	**087N7931**				1 5	2 6	3 7			

Programmable Room Thermostats

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

				Neutral	Live	OFF	COM	ON			
				N	L	1	2	3			
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.								
TP5000-M Si TP7001-M	**TP5001-M**	**087N7930**		B/N 10	C/L 9	1 8	2 6	3 7			
TP5000-A Si TP7001-A	**TPOne-B**	**087N785100**		- -	- 	1 5	2 6	3 7		S1/D 2	S2/E 3

Programmable Room Thermostats

New wallplate needed
Mark existing wires with current wallplate numbers and reconnect according to below.

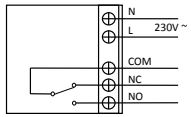
				DHW ON	DHW OFF	Neutral	Live	Heating (Volt Free)	Heating (Volt Free)			
				NC2	NO2	N	L	COM	NO1		S1	S2
			Connections on current wallplate, mark wires and reconnect as above, link as instructed.									
TP5000-MA Si TP7001-MA TP9000 Si	**TPOne-M**	**087N785200**		- 3	- 1	N 10 N	L 9 L	2 6 Link to L	3 7 4		S1/D 5	S1/E 6

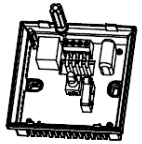
Model	Replacement	Code number	Wallplate connections & functions

Wiring diagrams and wallplate information

RET1001

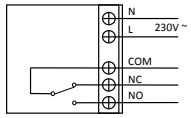
RET1001

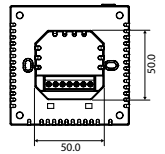




RET2001

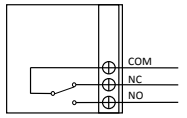
RET2001-M / TP5001-M

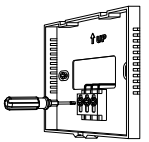




TP5001

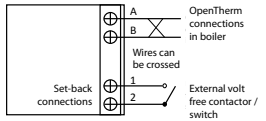
RET2001-B / TP5001-B

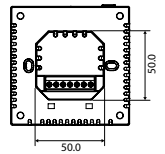




RET2001

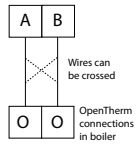
RET2001-OT



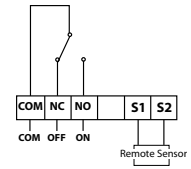


TPOne™

TPOne-OT

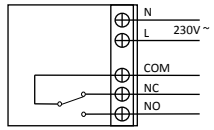


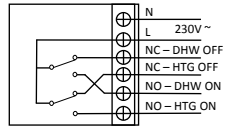
TPOne-B



TS710

TS710



FP720

FP720