

PROGRAMMERS COMPATIBILITY GUIDE

24 HOUR PROGRAMMERS

Existing make and model

Danfoss Randall	102, 102E, 922, 3020P, 3060, 4033, SET2, SET2E, SET3, SET3E, SET3M, CP15, CP715, CP715Si, FP15, FP715 FP715Si, MP15
Drayton	Tempus 3, Tempus 6
Honeywell	ST699, ST6200, ST6300, ST9400A, ST9400S
Horstmann	525, Centaur Plus C21, Diadem, H 21, H121, TC1, Tiara
Myson	MEP2C
Potterton Myson	Miniminder, 2000
Siemens/Landis & Staefa	RWB2, RWB2E, RWB9, RWB40, RWB102, RWB200
Sunvic	SP50, MP2, Select 207

Drayton replacements for any of the above

LP112	Electronic, linked H/W & C/H times
LP241	Electronic, independent H/W & C/H times
LP241Si	Electronic, independent H/W & C/H times
SM2	Electro mechanical

5/2 DAY PROGRAMMERS

Existing make and model

Danfoss Randall	102E5, CP15, CP75, CP715, CP715Si, FP7, FP15, FP715, FP715Si, FP975, MP15, MP75, SET5, Tempus 4, 6, 7
Drayton	2000
Grasslin Towerchron	ST6450
Honeywell	MEP2C
Myson	EP2001, 2002
Potterton Myson	RWB9, RWB252
Siemens/Landis & Staefa	Select 207

Suitable Drayton replacements for any of the above

LP522	Electronic, independent H/W & C/H times
LP522Si	Electronic, independent H/W & C/H times

7 DAY PROGRAMMERS

Existing make and model

Danfoss Randall	102E7, 972, CP75, CP715, CP715Si, FP75, FP715Si, FP975, MP75
Drayton	Tempus 7
Grasslin Towerchron	DP72, QE2
Honeywell	ST6400, ST9400C
Horstmann	527, Centaur TC7, Centaur Plus C27, H27
Myson	MEP2C
Potterton Myson	EP3000, 3002, 6000, 6002
Siemens/Landis & Staefa	RWB9, RWB270
Sunvic	SP100, Select 207

Suitable Drayton replacements for any of the above

LP722	Electronic, independent H/W & C/H times
LP722Si	Electronic, independent H/W & C/H times

TIMESWITCHES COMPATIBILITY GUIDE

24 HOUR TIMESWITCHES

Existing make and model

Danfoss Randall	103, 911, SET1, SET1E, TS15, TS715, TS715Si
Drayton	Tempus 1
Honeywell	ST6100A, ST9100A, ST9100S
Horstmann	Centaur SC1, Centaur Plus C11, Coronet, H11
Myson	MEP1C
Potterton Myson	EP4000
Siemens/Landis & Staefa	RWB30, 50, 100
Sunvic	SP20, Select 107

Suitable Drayton replacements for any of the above*

LP111	Electronic
LP111Si	Electronic
SM1	Electro mechanical

5/2 DAY TIMESWITCHES

Existing make and model

Danfoss Randall	103E5, Set 4, TS15, TS715, TS715Si, TS75, TS975
Drayton	Tempus 1, 2
Myson	MEP1C
Potterton Myson	EP4001, 4002
Siemens/Landis & Staefa	RWB152
Sunvic	Select 107

Suitable Drayton replacements for any of the above*

LP711	Electronic
LP711Si	Electronic

7 DAY TIMESWITCHES

Existing make and model

Danfoss Randall	103E7, 971, TS75, TS715, TS715Si, TS975
Drayton	Tempus 2
Grasslin Towerchron	QE1
Honeywell	ST6100C, ST9100C
Horstmann	517, Centaur SC7, Centaur Plus C17, H17
Myson	MEP1C
Potterton Myson	EP5002
Siemens/Landis & Staefa	RWB170
Sunvic	SP35, Select 107

Suitable Drayton replacements for any of the above*

LP711	Electronic
LP711Si	Electronic

* All Drayton time switches have volt-free contacts, making them suitable for combi boilers.

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Controls

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Drayton

Programmer and timeswitch compatibility guides



Invensys Controls
Part of the Invensys Group

The quick and easy way to compare, upgrade and replace existing programmers and timeswitches

Drayton manufacture electronic and electro-mechanical programmers and timeswitches suitable for replacing most makes found in use today. Our expertise in product development has produced a range of high quality controls offering ease of use and long term reliability for which we are renowned.

Before removing an existing programmer, it is essential to note wire colours and terminal positions and to ensure the new backplate is wired in accordance with these conversion charts.

Check that a **3 amp** fuse is fitted before mains power is restored to the system, this will avoid costly damage to electronic components should a system fault occur.

These tables show the wiring conversion necessary to replace an existing programmer.

*Models marked with an asterisk can simply be removed from the backplate and replaced without any disturbance to the existing wiring.

Lifestyle 'LP' models directly replace former ACL-Lifestyle 'ILP/LP/LS' and Drayton Tempus programmers with the same number, the only models requiring wiring modifications are old Tempus 1/2 and LS112 (remove link L to 1 on the backplate).

Drayton Controls can accept no liability for wiring errors at the time of installation, for any reason.

PROGRAMMER TERMINAL COMPARISONS									
Make	Model	Earth	Neutral	Live	H/W off	CH off	H/W on	CH on	
CURRENT MODELS									
Drayton Lifestyle	LP112, LP241, LP522, LP722, LP241Si, LP522Si, LP722Si		N	L	1	2	3	4	
Drayton	SM2		N	L	1	2	3	4	
DISCONTINUED / COMPETITORS' MODELS									
ACL	MP (Towerchron)		2	1					
	FP (Towerchron)		2	1	8	11	6	10	
Switchmaster	400, 600 (No connection to terminal 4 on 600)		N	L		4	3	1	
	805, 900, 900i		N	L	4	2	3	1	
Drayton	Tempus 3, 4, 6, 7 (Old models)		N	L	1	2	3	4	
	Tempus 6, 7		N	L	1	2	3	4	
British Gas	EMP2		N	L	1	2	3	4	
	UP1		N	L	1	2	3	4	
Danfoss Randall	CP15, CP715, FP15, FP715 (Mk18), CP715 Si, FP715 Si		N	L	1	2	3	4	
	3020P, 3060	E	7	6			4	2	
	4033 (link 1-6)	E	7	6	5	3	4	2	
	102, 102E, 102E5, 102E7, (link 6-3)	E	5	6			1	2	
	701 (link L-5 and 5-6)	E	N	L			3	1	
	702 (link L-5 and 5-6)	E	N	L	4	2	3	1	
	922, 972 (link L-2 and 2-5)	E	N	L	1	4	3	6	
	SET2, SET2E, SET3E, SET3M, FP975, SET5 (link L-2 and 2-5)	E	N	L	3	6	1	4	
Grasslin Towerchron	DP 72, QE2		N	L	1	2	3	4	
Honeywell	ST 699/799 (link L-5 and 5-8)		N	L	7	4	6	3	
	ST 6200, ST 6300, ST 6400, ST 6450, ST6400S, ST9400A/C, ST9400S, ST9500C		N	L	1	2	3	4	
	ST 7100 (link L-3 and 3-6)		N	L	7	4	8	5	
Horstmann	525, 527, 425 Diadem, H21, H27, H121, Tiara, (link L-2 and 2-5), Channelplus H21XL, H27XL, H27ZXL	E	N	L	3	6	1	4	
	Centaur Plus C21, C27		N	L	1	2	3	4	
Myson	Microtimer (link L-5 and 5-8)		N	L	7	4	6	3	
	MEP2C		N	L	1	2	3	4	
Potterton Myson	All EP2000's, EP3000's, EP6000's, (link L-5 and N-N)		N	L	1	2	3	4	
	Mini Minder		N	L	1	2	3	4	
Siemens / Landis & Staefa	RWB2, RWB2E, 20, 40, 102, 200, 252 & 270, RWB9, RWB29		N	L	1	2	3	4	
Sunvic	Select 207		N	L	1	2	3	4	
	SP50, SP100 (link L-3)		N	L	1	4	2	5	

TIMESWITCH TERMINAL COMPARISONS									
Make	Model	Earth	Neutral	Live	Common	On	Off	Spare	
CURRENT MODELS									
Drayton Lifestyle	LP111, LP711, LP111Si, LP711Si		N	L	1	3	2	4	
Drayton	SM1		N	L	1	3	2	4	
DISCONTINUED / COMPETITORS' MODELS									
ACL	TC (Towerchron)		2	1	4	7			
Drayton	Tempus 1 and 2		N	L	1	3	2	4	
Drayton	Tempus 1 and 2 (Old models)		N	L	1	2	3	4	
Switchmaster	300, 980		N	L	4	1			
British Gas	EMT2		N	L	1	3	2	4	
	UT1		N	L	1	3	2	4	
Danfoss Randall	TS15, 75 (Mk18)	E	N	L	1	4	2	5/6	
	TS715, TS715 Si		N	L	1	4	2	3	
	TS975	E	N	L	5	4	6	1,2,3	
	SET1, SET1E	E	N	L	5	4	6		
	SET4	E	N	L	5	4	6		
	103, 103E, 103E5, 103E7	4	5	6	3	1		2	
	911, 971	E	N	L	5	6	4	2	
Grasslin Towerchron	QE1		N	L	2	4	3		
	T2001, T2001Q	E	N	L		7			
Honeywell	ST 6100A, ST 6100C, ST6100S, ST9100A/C, ST9100S		N	L	1	4	2		
	ST 7000B		N	L	1	2	3	4	
Horstmann	Centaur SC1, SC7			L		3	2		
	Channelplus H17XL, H11XL	E	N	L		4	6		
	Centaur Plus C11, C17		N	L	2	4	3		
	Emerald 423, Pearl Auto		N	L	2	4	3		
Myson	517, Coronet, H11, H17	E	N	L	3	4			
	Microtimer (link L-5 and 5-8)	E	N	L	5	4	6		
Potterton Myson	MEP1C		N	L	3	4	2		
	EP4000, 4001, 4002, 5002		N	L	5	4	2		
Sangamo	M6	E	4	6	3	1	2		
Smiths	Centroller Mk1 & Mk2		N	L	3	2			
	Centroller 30		1	2		4/5			
	Centroller 300, 980		N	L	4	1			
Siemens / Landis & Staefa	RWB3		N	L		4	3		
	RWB27, RWB30, RWB50, 100, 152, 170		N	L	2	4	3		
	RWB7	E	N	L	2	4	3		
Sunvic	Select 107		N	L	1	3	2	4	
	SP20, SP35		N	L	3	5	4	5	
Venner	Vennerette		N	L	LINE	LOAD			