

Table 2. HONEYWELL R4127 PROGRAMMER CROSS REFERENCE

Device to be Replaced	7800 Series Replacement 1 2 3 4 5 7 8 9 10 11 12 13 14	Prepurge				Interlocks							PFEP	INTM Pilot	INTR Pilot	MFEP	Spark Term	Postpurge	Modulation	Voltage	Frequency	Comments
		Timing	Lo-Fire On-Off	Type			Start	Running	Lockout	Preignition	Hi-fire	Lo-fire										
				LHL	LHL PRV	Op Damp																
R4127A1007	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15	15	3- wire	120 208 240	60		With R7253A	
R4127A1015	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15	15	3- wire	120 208 240	60		With Q535 and R7253A	
R4127A1023	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15	15	3- wire	120 208 240	60		With Q536 and R7253A	
R4127A1031	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15	15	3- wire	120 208 240	60		With Q535	
R4127A1049	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15	15	3- wire	120 208 240	60		With Q536	
R4127A1056	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15, 60	15	3- wire	120 208 240	60			
R4127A1064	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15	15	3- wire	120 208 240	60			
R4127A1072	None	30	X					X	X			10	X		15	15	3- wire	120 208 240	50		With Q535 international model	
R4127A1080	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15, 60	15	3- wire	120 208 240	60		Produced in Canada	
R4127A1098	RM7840G1014 or RM7840L1018	30	X					X	X			10	X		15	15	3- wire	120 208 240	60			
R4127A1106	None																					International model
R4127A1114	None																					

See footnotes on page 6.

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Device to be Replaced	7800 Series Replacement 1 2 3 4 5 7 8 9 10 11 12 13 14	Prepurge				Interlocks								PFEF	INTM Pilot	INTR Pilot	MFEP	Spark Term	Postpurge	Modulation	Voltage	Frequency	Comments
		Timing	Lo-Fire On-Off	LHL	LHL PRV	Op Damp	Start	Running	Lockout	Preignition	Hi-fire	Lo-fire											
R4127A1122	RM7840G1014 or RM7840L1018	30	X				X	X				10	X		15, 55	15	3- wire	120 208 240	60				
R4127A1130	RM7840G1014 or RM7840L1018	90	X			X	X					10	X		15	15	3- wire	120 208 240	60				
R4127A1148	RM7840G1014 or RM7840L1018	90	X			X	X						X		15, 55	15	3- wire	120 208 240	60				
R4127A1155	RM7840G1014 or RM7840L1018	60		X		X	X				X	8	X		15, 30	15	4- wire	120 208 240	60				
R4127A1163	None	30	X			X	X					10	X		15	15	3- wire	120 208 240	50	International model			
R4127A1171	RM7840G1014 or RM7840L1018	60		X		X	X				X	9	X		15, 30	15	4- wire	120 208 240	60	Ray Burner RC2D, uses special Q535/Q536 e			
R4127A1189	RM7840G1014 or RM7840L1018	30	X			X	X					10	X		10	15	3- wire	120	60				
R4127A1197	RM7840G1014 or RM7840L1018	60		X		X	X				X	9	X		10, 30	15	4- wire	120	60				
R4127B1005	RM7840G1014 or RM7840L1018	30	X			X	X					10	X		15	15	3- wire	120 208 240	60				
R4127B1013	RM7840G1014 or RM7840L1018	30	X			X	X					10	X		15	15	3- wire	120 208 240	60	With Q535			
R4127B1021	RM7840G1014 or RM7840L1018	30	X			X	X					10	X		15	15	3- wire	120 208 240	60	With Q536			

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Device to be Replaced	7800 Series Replacement 1 2 3 4 5 7 8 9 10 11 12 13 14	Prepurge				Interlocks							PFEP	INTM Pilot	INTR Pilot	MFEP	Spark Term	Postpurge	Modulation	Voltage	Frequency	Comments
		Timing	Lo-Fire On-Off	Type			Start	Running	Lockout	Preignition	Hi-fire	Lo-fire										
R4127B1039	RM7840G1014 or RM7840L1018	30	X					X	X				10	X	15	15	15	3- wire	120	60	Ray Burner RC2A with R7254A, Q536	
R4127B1047	RM7840G1014 or RM7840L1018	30	X					X	X				10	X	15	15	15	3- wire	120	60	Ray Burner RC2B with R7254A, Q535	
R4127B1054	RM7840G1014 or RM7840L1018	30	X					X	X				10	X	15	15	15	3- wire	120	60	Ray Burner	
R4127C1003	RM7840G1014 or RM7840L1018	30	X					X	X				10	X	15	15	15	3- wire	120	60	Ray Burner with R7255A	

1 Refer to conversion wiring diagrams in Modernization Wiring Information section.
 2 RM7840G meets current UL requirements.
 3 RM7840L meets current insurance requirements.
 4 See series ST7800A Plug-In Timers for prepurge timings available.
 5 R4127A,B,C Start Interlocks become RM7840 Preignition Interlocks.
 6 No longer available.
 7 Replacement controls are 120 Vac, 50/60 Hz.
 8 RM7840G1014 MFEP is 10, 15, or 30 seconds.
 9 RM7840L1018 MFEP is 10 or 15 seconds.
 10 RM7840G1014 and RM7840L1018 PFEP is 4 or 10 seconds.
 11 Select proper flame amplifier.
 12 Use with existing Honeywell Flame Detectors.
 13 With selectable air-flow switch check (AFSC).
 14 With selectable air-flow switch check (AFSC).
 15 Requires Q7800A or Q7800B Subbase.

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