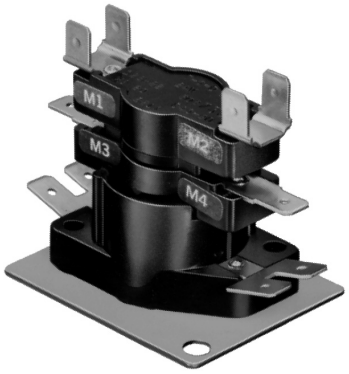

24A34-3

MODEL 24A34 ELECTRIC HEAT SEQUENCERS

Direct Replacement for Most Fan/Heat Sequencing Functions.
Terminal Markings are Equivalent to Competitive Types

FEATURES

- Replaces Honeywell, MARS, TOD, GEMLINE, Klixon (Texas Instruments).
- 24V input control.
- Multi-poise mounting.
- Any contacts (except M1 & M2) can be used as auxiliary contacts.
- Double quick-connect terminals for combination loads.

SPECIFICATIONS

Ambient Temperature Rating . . . . . –50 to +165°F
Agency . . . . . U.L. component recognized

ELECTRICAL RATINGS – SINGLE LOAD CONTACT RATINGS (ALL MODELS)

VAC	Resistive (Non-Inductive)		Motor Ratings (Inductive)		Pilot Duty
	Watts	Amps	Full Load	Locked Rotor	
120	3000	25.0	14.0A	72.0A	125 VA
240	6000	25.0	7.0A	42.0A	125 VA
480	6000	12.5	–	–	480 VA

COMBINED LOAD RATING TABLE (ALL MODELS)

30A @ 240 VAC – TOTAL,
23A Non-Inductive + 7 FLA/42 LRA Inductive,
ON Time: Elapsed time to make contacts after heater is energized (min. to max.)
OFF Time: Elapsed time to break contacts after heater is de-energized (min. to max.)

TABLE NOTES:
① M1-M2 and M3-M4 are always first switches to turn ON and last to turn OFF. All other switches are random ON and random OFF
② 24A34-14 Switch contacts designated F_1 - F_2 instead of M_1 - M_2
③ 24A34-28 is 2 pole double throw
♦ These contacts switch simultaneously

NOTE: Underwriters Laboratories requires a fan interlock circuit to insure the blower remains operating whenever more than one sequencer is used. The fan interlock should be the M_1/M_2 contacts of the second or third sequencer.
All M_1/M_2 contacts are wired to the blower motor so that any sequencer that is energized will

Model Number	Timings	Switches	Timings – ON					Timings – OFF				
			M1-M2	M3-M4	M5-M6	M7-M8	M9-M10	M1-M2	M3-M4	M5-M6	M7-M8	M9-M10
24A34-1	1	1	1-20	–	–	–	–	40-110	–	–	–	–
24A34-2	1	1	–	–	30-90	–	–	–	–	1-30	–	–
24A34-3 ①	1	2	1-20 ♦	1-20	–	–	–	40-110 ♦	40-110	–	–	–
24A34-4	1	2	–	–	30-90 ♦	30-90	–	–	–	1-30 ♦	1-30	–
24A34-5 ①	2	3	1-110 ♦	1-110	1-110	–	–	1-110 ♦	1-110	1-110	–	–
24A34-6 ①	2	4	1-110 ♦	1-110	1-110 ♦	1-110	–	1-110 ♦	1-110	1-110 ♦	1-110	–
24A34-14①②	4	5	1-160 ♦	1-160	1-160	1-160	1-160	1-160 ♦	1-160	1-160	1-160	1-160
24A34-21	1	1	1-20	–	–	–	–	1-50	–	–	–	–
24A34-22	1	1	15-45	–	–	–	–	1-30	–	–	–	–
24A34-23	1	1	25-55	–	–	–	–	15-45	–	–	–	–
24A34-24	1	1	30-75	–	–	–	–	1-40	–	–	–	–
24A34-25	1	1	40-90	–	–	–	–	1-30	–	–	–	–
24A34-26	2	2	1-20	30-90	–	–	–	40-90	1-30	–	–	–
24A34-27	2	2	1-160	1-160	–	–	–	1-160	1-160	–	–	–
24A34-28 ③	2	2	1-160	1-160	–	–	–	1-160	1-160	–	–	–
24A34-29	1	1	15-35	–	–	–	–	25-55	–	–	–	–
24A34-36	2	2	1-20	30-45	–	–	–	45-110	1-30	–	–	–
24A34-37	1	1	1-110	–	–	–	–	1-110	–	–	–	–

24A34-15 HEAT PUMP CONTROL

FEATURES

- Used in heat pump air handler applications.
- Provides a delay off to the blower motor in cooling mode.
- Single pole double throw.

Model Number	Timings	Switches	Timings	
			ON 1-3	OFF 1-3
24A34-15	1	1	1-60	75-95

ELECTRICAL RATINGS – NORMALLY OPEN CONTACTS 1-3

VAC	Resistive (Non-Inductive)		Motor Ratings (Inductive)		Pilot Duty
	Watts	Amps	Full Load	Locked Rotor	
120	3000	25.0	14.0A	72.0A	125 VA
240	6000	25.0	7.0A	42.0A	125 VA

ELECTRICAL RATINGS – NORMALLY CLOSED CONTACTS 1-2

VAC	Resistive (Non-Inductive)		Pilot Duty
	Watts	Amps	
120	1200	10.0	125 VA
240	1200	5.0	125 VA

Indicates Canadian Model Number: call 1-800-305-6953 to order