

**UNIVERSAL DEFROST TIMER**

**9145-9045 SERIES - MULTI-VOLTAGE 120/208-240 VAC**



**GENERAL INFORMATION**

**Input power**

120/208-240 VAC 60 Hz (+10, -15%)

**Power consumption**

6VA max, Defrost termination switch (terminal "G") input impedance to terminal C: 85kΩ +/- 5%

**Operating voltage**

102 VAC min to 132 VAC max @ 60 Hz  
176.8 VAC min to 264 VAC max @ 60Hz

NOTE: No user-required adjustments to switch between the high and low voltage.

**Ambient operating conditions**

-40°F to 131°F (-40°C to 55°C); 0 to 95% RH (non condensing)

**Storage temperature**

-40°F to 140°F (-40°C to 60°C)

**Outside dimensions**

**Individual unit** 4.40"W x 7.82"H x 3.80"D

**Individual unit (in shipping box)**

4.75"W x 8.875"H x 4.75"D

**Individual case shipping weight**

3.2 lbs

**Agency approvals**

c-UR-us Recognized Component – Models 9045-00M & 9145-00M

c-UR-us Listed Product – Models 9045-00 & 9145-00

PARAGON®

Terminal	A	B	C	D	E	F	G
<b>Relay</b>	SPDT	SPDT	SPDT	SPST	SPST	L2/N	Defrost Termination
<b>Contact</b>	NC Contact	NO Contact	COM/M Contact	NO Contact	COM/M Contact	Power in to timer	Device Input L2/N side
<b>Relay Rating</b>	15A resistive @ 120 VAC to 240 VAC 1/4HP @ 120 VAC, 1/2HP @ 208 VAC to 240 VAC	30A resistive @ 120 VAC to 240 VAC 1HP @ 120 VAC, 2HP @ 208 VAC to 240 VAC			30A resistive @ 120 VAC to 240 VAC 1HP @ 120 VAC, 2HP @ 208 VAC to 240 VAC		
<b>Device Connections</b>	Fan (Typical) Compressor (Optional)	Defrost Device (Typical)	L1 Power to timer and to Defrost Termination Device		Compressor (Typical) Fan (Optional)		Defrost Termination Switch

\* 9145 is a general purpose defrost timer & can be used for both Time Initiate/Time Terminate & Time Initiate/Temperature, Pressure Terminate

Terminal	A	B	C	D	E	F	G
<b>Relay</b>	SPST #1	SPST #1	L1	SPST #2	SPST #2	L2/N	No Connection
<b>Contact</b>	NC Contact	COM/M Contact	Power in to timer	NO Contact	COM/M Contact	Power in to timer	
<b>Relay Rating</b>	30A resistive @ 120VAC to 240 VAC 1HP @ 120 VAC, 2HP @208 VAC to 240VAC				30A resistive @ 120 VAC to 240 VAC 1HP @ 120 VAC, 2HP @208 VAC to 240 VAC		
<b>Device Connections</b>	Compressor (Typical)				Defrost Device (Typical)		

**Ordering Information:** 9145-00 Time Initiate/Temperature, Pressure Terminate Defrost Timer with Metal Enclosure  
9045-00 Time Initiate/Time Terminate Defrost Timer with Metal Enclosure