



SUPCO Commercial Refrigeration Defrost Controls

Designed to meet a wide variety of customer requirements. These electro-mechanical controls are used on many different types of commercial refrigeration equipment, including walk in boxes, reach in boxes, refrigerated cases and condensing units.



Features/Benefits

- Heavy-duty synchronous motor.
- Adjustable Defrost Initiation Frequency: One to six times per day.
- Adjustable Defrost Cycle Duration: 4 to 110 minutes in two-minute increments.
- Contact Arrangements: Electric heat, hot gas, or off cycle defrost available.
- Heavy-duty steel case with electrical knockouts in the sides, back and bottom.

Specifications

- Operating Voltages: 120 or 208/240 VAC, 60 Hz
- Amperage: 40-amp non-inductive @ 120, 208 or 240 VAC
- Maximum hp: 2 hp @ 120, 208 or 240 VAC
- Pilot Duty: 690 VA @ 120, 208 or 240 VAC
- Operating Temperature Range: -35°F to 175°F
- Overall Case Dimensions: 7.697" H x 4.4" W x 3.8" D
- Shipping Weight: S8040 series 3.5 lbs & S8141 series 3.75 lbs.

Applications

As a defrost control based upon the following functions.

- Time initiation and time termination.
- Time initiation and temperature termination.
- Time initiation and pressure termination.



Accessories

X3596 Dial Pins 5 Pins Per Pack

Models

PART NO.	VOLTAGE	SWITCHING		TIME INITIATED	TIME INITIATED
		NO NORMALLY OPEN	NC NORMALLY CLOSED	TIME TERMINATED	TEMPERATURE OR PRESSURE TERMINATED
S804100	120	1 NO / 2 NC		YES	NO
S804120	240	1 NO / 2 NC		YES	NO
S804500	120	1 NO / 1 NC		YES	NO
S804520	240	1 NO / 1 NC		YES	NO
S814100	120	1 NO / 2 NC		NO	YES
S814120	240	1 NO / 2 NC		NO	YES
S814500	120	1 NO / 1 NC		NO	YES
S814520	240	1 NO / 1 NC		NO	YES

Cross Reference

SUPCO	PARAGON	PRECISION
S804100	8041-00	6041-00
S804120	8041-20	6041-20
S804500	8045-00	6045-00
S804520	8045-20	6045-20
S814100	8141-00	6141-00
S814120	8141-20	6141-20
S814500	8145-00	6145-00
S814520	8145-20	6145-20

M814520

EXACT DROP-IN REPLACEMENT MECHANISM for SUPCO S814520 and Paragon® 8145-20



Sold in convenient
6-pack counter display!