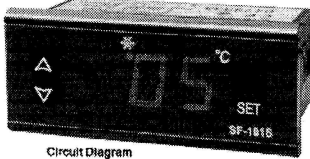
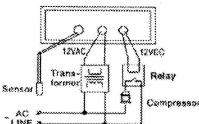

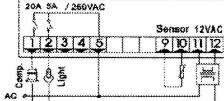
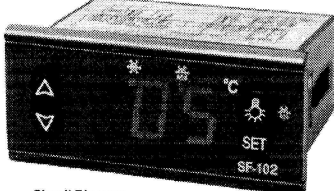
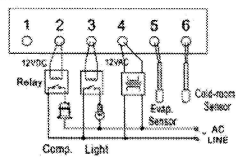


## Digital Temperature Controller for Refrigerating

SF-101S	SF-101																																																								
 <p><b>Circuit Diagram</b> Model: SF-101S</p> 	 <p><b>Circuit Diagram</b> Model: SF-101</p> 																																																								
<p>Temperature Display / Temperature Control, Automatic defrost by turning off; Value Storing / Self Testing; Range: <math>-45 \sim 99 \text{ }^{\circ}\text{C}</math>; Accuracy: <math>\pm 1 \text{ }^{\circ}\text{C}</math>; compressor : 5A/2</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Function</th> <th>Set range 50VAC</th> <th>Default</th> </tr> </thead> <tbody> <tr> <td>E1</td> <td>Lower set point limit</td> <td><math>-45^{\circ}\text{C} \sim \text{Set temp.}</math></td> <td><math>-35^{\circ}\text{C}</math></td> </tr> <tr> <td>E2</td> <td>Higher set point limit</td> <td>Set temp. <math>\sim 45^{\circ}\text{C}</math></td> <td><math>20^{\circ}\text{C}</math></td> </tr> <tr> <td>E3</td> <td>Temp. hysteresis</td> <td><math>1 \sim 10^{\circ}\text{C}</math></td> <td><math>4^{\circ}\text{C}</math></td> </tr> <tr> <td>E4</td> <td>Comp. start delay time</td> <td><math>0 \sim 10 \text{Min}</math></td> <td><math>2 \text{Min}</math></td> </tr> <tr> <td>E5</td> <td>Offset on room temp.</td> <td><math>0 \sim 10 \text{Min}</math></td> <td><math>0^{\circ}\text{C}</math></td> </tr> <tr> <td>F1</td> <td>Max. Defrost duration</td> <td><math>1 \sim 30 \text{Min}</math></td> <td><math>20 \text{Min}</math></td> </tr> <tr> <td>F2</td> <td>Defrost interval time</td> <td><math>0 \sim 12 \text{Hr}</math></td> <td><math>0 \text{Hr}</math></td> </tr> </tbody> </table>	Parameter	Function	Set range 50VAC	Default	E1	Lower set point limit	$-45^{\circ}\text{C} \sim \text{Set temp.}$	$-35^{\circ}\text{C}$	E2	Higher set point limit	Set temp. $\sim 45^{\circ}\text{C}$	$20^{\circ}\text{C}$	E3	Temp. hysteresis	$1 \sim 10^{\circ}\text{C}$	$4^{\circ}\text{C}$	E4	Comp. start delay time	$0 \sim 10 \text{Min}$	$2 \text{Min}$	E5	Offset on room temp.	$0 \sim 10 \text{Min}$	$0^{\circ}\text{C}$	F1	Max. Defrost duration	$1 \sim 30 \text{Min}$	$20 \text{Min}$	F2	Defrost interval time	$0 \sim 12 \text{Hr}$	$0 \text{Hr}$	<p>Temperature control/Light control/Re-start delay; Relay output : 1HP (compressor) ; Range: <math>-45 \sim 45^{\circ}\text{C}</math> ; Accuracy: <math>\pm 1^{\circ}\text{C}</math> Compressor: N.O. 20A/250VAC(one HP) ; Light: N.O. 5A/250VAC</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Function</th> <th>Set range</th> <th>Default</th> </tr> </thead> <tbody> <tr> <td>E1</td> <td>Lower set point limit</td> <td><math>-45^{\circ}\text{C} \sim \text{Set temp.}</math></td> <td><math>-35^{\circ}\text{C}</math></td> </tr> <tr> <td>E2</td> <td>Higher set point limit</td> <td>Set temp. <math>\sim 45^{\circ}\text{C}</math></td> <td><math>20^{\circ}\text{C}</math></td> </tr> <tr> <td>E3</td> <td>Temp. hysteresis</td> <td><math>1 \sim 10^{\circ}\text{C}</math></td> <td><math>4^{\circ}\text{C}</math></td> </tr> <tr> <td>E4</td> <td>Comp. start delay time</td> <td><math>0 \sim 10 \text{Min}</math></td> <td><math>2 \text{Min}</math></td> </tr> <tr> <td>E5</td> <td>Offset on room temp.</td> <td><math>-5 \sim 5^{\circ}\text{C}</math></td> <td><math>0^{\circ}\text{C}</math></td> </tr> </tbody> </table>	Parameter	Function	Set range	Default	E1	Lower set point limit	$-45^{\circ}\text{C} \sim \text{Set temp.}$	$-35^{\circ}\text{C}$	E2	Higher set point limit	Set temp. $\sim 45^{\circ}\text{C}$	$20^{\circ}\text{C}$	E3	Temp. hysteresis	$1 \sim 10^{\circ}\text{C}$	$4^{\circ}\text{C}$	E4	Comp. start delay time	$0 \sim 10 \text{Min}$	$2 \text{Min}$	E5	Offset on room temp.	$-5 \sim 5^{\circ}\text{C}$	$0^{\circ}\text{C}$
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