All New IMPROVED SERIES

CONTROLS

SUPERFREEZE®

Best in Class Features
Always moving Ahead

EXPORTED TO MANY TECHNOLOGY DEMANDING COUNTRIES INCLUDING **AMERICA, EUROPE, NEW ZEALAND ETC**

Electronic Liquid Level Controller

Type : 38SLC

SUPERFREEZE Liquid Level Controller types **38SLC** are used to regulate the liquid level in a vessel or a flooded coil. The level controller consists of float chamber and an electronic controller. A level indicator module is also mounted on the controller consisting of LED's operating in bar graph mode. The indicator display the rising and falling of liquid level inside the float chamber. The 38SLC can also be used as a protection against too high or too low liquid levels.

Differential : Adjustable between 10 and 50mm
Enclosure : IEC 529 or DIN 40050
For float housing : IP65
For controller housing : IP55

Pressure and Temperature Regulators

Type : SPR1 & SPR3

SUPERFREEZE regulating valves types **SPR1 & SPR3** are specially designed for capacity regulation in refrigeration, freezing and air conditioning plant for ammonia and fluorinated refrigeration. The heart of the system is main valve and can be made suitable for various applications by mounting different pilot or combination of pilots.

The pilot valves can perform functions of:

Constant pressure regulation • Capacity regulation • Crank case pressure regulation • Refrigeration pressure regulation

SPR is available in two variant - SPR1 with one port to mount one pilot and SPR3 with three ports to mount 3 pilots.

Float Switch

Type : 38SFS

SUPERFREEZE Float switch, type **38SFS** is an electro mechanical float switch designed to provide a reliable, electro-mechanical response to liquid level changes. The simple and rugged design ensures long life performance and reliable operation for many usages such as:

Level control by liquid fill solenoid valve • High level cut-out or alarm • Low level cut-out or alarm • Low level pump cut-out • Level control by liquid exist solenoid valve • level indication by pilot light • Transfer drum operation

Switch assembly can be rotated at 360 for easy operation.

Solenoid Valves

Type : SFA

The primary purpose of an electrically operated solenoid valve is to control automatically the flow of fluids liquids or gas. **SUPERFREEZE** SFA-series **Solenoid valves** may be applied on a variety of applications. These flanged, industrial refrigeration duty solenoid valves are very simple and compact but rugged in construction. These are direct acting or pilot operated solenoid valves for liquid suction and hot gas lines with **ammonia or fluorinated refrigerant.**

SUPERFREEZE Solenoid valves **SFA 5** is the direct operating type & **SFA 17, SFA 32, SFA 42, SFA 50** are pilot operated type, for refrigeration controls & air conditioning applications.

All controls are tested on specially designed simulator for functional and endurance test
All part made on high precision CNC machines to ensures interchangebility and accuracy
Suitable for all common refrigerant including R-717 (ammonia), R-22, R-134A, R-404A, R-502

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CERTIFIED ISO 9001:2008 COMPANY

CRISIL SE 1A

RETA EDUCATION • EFFICIENCY • DEVELOPMENT