SBS-FP-xx-16A Control Panel for Pipe Freeze Protection

nVent RAYCHEM SBS-FP-xx-16 A control panel provides an integrated solution for nVent RAYCHEM self-regulating heating cables in pipe freeze protection applications. It offers multi-circuits, each with line sensing control or proportional ambient sensing control (PASC) with integrated electrical protection. A 400 VAC (3 phase) supply is required.

FEATURES

Available with the Elexant 450c with Modbus RS485 port for remote monitoring connectivity, configuration, and ease of integration in a Building Management System (BMS).

Simple and fast connection of multiple circuits, directly into a single panel

High capacity, with 3-12 maximum circuit lengths connected into the panel

Fully integrated system: all connections, circuit protection and safety devices integrated into the panel

Energy saving: with options for digital line sensing or proportional ambient sensing control (PASC)

Reliable, complete system from one manufacturer and specifically designed for pipe freeze protection systems

Reliable during long life: 6 year extended product warranty available, maintenance free

SPECIFICATIONS

Phase Quantity:	3
Circuit Breaker:	16 A, Type C
IP Rating:	IP65
Protection:	Miniature- / Earth Leakage Circuit Breaker
Mounting:	Wall Mounted
Over Voltage Protection:	Yes

Table 1/2

Catalog Number	Item Name	Group Quantity	Circuit Breaker Quantity	Main Switch Current Rating	Circuit Breaker Quantity, 30 mA	Controller Included

Catalog Number	Item Name					
1244-022467	SBS-FP-3x16A-ELEXANT450c	1	3	40 A	1	Elexant 450c
1244-022628	SBS-FP-3x16A-ELEXANT450c-MODBUS	2	3	40 A	1	Elexant 450c
1244-022468	SBS-FP-6x16A-ELEXANT450c	2	6	40 A	2	Elexant 450c
1244-022629	SBS-FP-6x16A-ELEXANT450c-MODBUS	2	6	40 A	2	Elexant 450c
1244-022469	SBS-FP-9x16A-ELEXANT450c	3	9	63 A	3	Elexant 450c
1244-022630	SBS-FP-9x16A-ELEXANT450c-MODBUS	3	9	63 A	3	Elexant 450c
1244-022470	SBS-FP-12x16A-ELEXANT450c	4	12	63 A	4	Elexant 450c
1244-022631	SBS-FP-12x16A-ELEXANT450c-MODBUS	4	12	63 A	4	Elexant 450c

Table 2/2						
Catalog Number	Item Name	Communication Protocol	Height	Width	Depth	Housing Material
1244-022467	SBS-FP-3x16A-ELEXANT450c	None	600 mm	400 mm	210 mm	Steel
1244-022628	SBS-FP-3x16A-ELEXANT450c-MODBUS	Modbus RTU	600 mm	600 mm	210 mm	Steel
1244-022468	SBS-FP-6x16A-ELEXANT450c	None	600 mm	600 mm	210 mm	Steel
1244-022629	SBS-FP-6x16A-ELEXANT450c-MODBUS	Modbus RTU	600 mm	600 mm	210 mm	Steel
1244-022469	SBS-FP-9x16A-ELEXANT450c	None	800 mm	800 mm	210 mm	Steel
1244-022630	SBS-FP-9x16A-ELEXANT450c-MODBUS	Modbus RTU	800 mm	800 mm	210 mm	Steel
1244-022470	SBS-FP-12x16A-ELEXANT450c	None	800 mm	800 mm	210 mm	Steel

CatalogNumber	Item Name	Communication Protocol	Height	Width	Depth	Housing Material
1244-022631	SBS-FP-12x16A-ELEXANT450c-MODBUS	Modbus RTU	800 mm	800 mm	210 mm	Steel

ADDITIONAL PRODUCT DETAILS

Complete panel wiring information and schematics are provided with the product. All electrical installations must be carried out by an approved electrician in compliance with local electrical requirements and norms.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America
Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa
Tel +32.16.213.511
Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific
Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America
Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nvent.com

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