

SBS-XX-SNR Control Panel for Sprinkler Systems



nVent RAYCHEM SBS-XX-SNR control panel provides an integrated solution for nVent RAYCHEM self-regulating heating cables in sprinkler freeze protection applications. It offers multi-circuit, multi-sensor and multi-control with integrated electrical protection, with redundant circuit automatic switching capability compliant with BS EN 12845:2008. A 400 VAC (3 phase) supply is required.

FEATURES

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

High capacity, with 2-12 maximum circuit lengths connected into the panel

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

Energy saving: with two digital line sensing control units per sprinkler line and digital temperature feedback for each

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

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

SPECIFICATIONS

IP Rating:	IP65
Protection:	Miniature- / Earth Leakage Circuit Breaker
Housing Material:	Steel
Mounting:	Wall Mounted
Over Voltage Protection:	Yes

Table 1/2

Catalog Number	Item Name	Circuit Breaker Quantity	Circuit Breaker	Main Switch Current Rating	Circuit Breaker Quantity, 300 mA	Height
185780-000	SBS-02-SNR	2	16 A, Type C	32 A	2	600 mm

Catalog Number	Item Name	Circuit Breaker Quantity	Circuit Breaker	Main Switch Current Rating	Circuit Breaker Quantity, 300 mA	Height
012276-000	SBS-10-SNR	10	16 A, Type C	63 A	10	1000 mm
158834-000	SBS-08-SNR	8	16 A, Type C	63 A	8	1000 mm
278362-000	SBS-04-SNR	4	16 A, Type C	32 A	4	800 mm
300074-000	SBS-06-SNR	6	16 A, Type C	32 A	6	800 mm
712998-000	SBS-12-SNR	12	16 A, Type C	63 A	12	1000 mm

Table 2/2

Catalog Number	Item Name	Width	Depth
185780-000	SBS-02-SNR	600 mm	210 mm
012276-000	SBS-10-SNR	1000 mm	300 mm
158834-000	SBS-08-SNR	800 mm	300 mm
278362-000	SBS-04-SNR	800 mm	210 mm
300074-000	SBS-06-SNR	800 mm	210 mm
712998-000	SBS-12-SNR	1000 mm	300 mm

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.

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