

# 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

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

| CatalogNumber | 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](http://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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