

SBS Control Panel for Surface Snow Melting



nVent RAYCHEM SBS-XX-VV-20 control panels provides an integrated solution for nVent RAYCHEM self-regulating heating cables in surface snow melting applications. It offers multi-circuit, multi-sensor and multi-control with integrated electrical protection. Driven by the built-in smart nVent RAYCHEM VIA-DU-20 control device, it allows the system only to be activated when cold weather and moisture are detected in combination. A 400 VAC (3 phase) supply is required.

FEATURES

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: through built-in VIA-DU-20 smart controller, circuits energized only when cold weather and moisture are detected

Reliable, complete system from one manufacturer and specifically designed for surface snow melting systems

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

SPECIFICATIONS

IP Rating: IP65
Housing Material: Steel
Mounting: Wall Mounted

Table 1/2

Catalog Number	Item Name	Circuit Breaker Quantity	Main Switch Current Rating	Circuit Breaker Quantity, 30 mA	Height	Width
1244-000219	SBS-03-MV-20	3	32 A	0	600 mm	400 mm
1244-000220	SBS-06-MV-20	6	63 A	0	600 mm	600 mm
1244-000221	SBS-09-MV-20	9	63 A	0	800 mm	800 mm

CatalogNumber	Item Name	Circuit Breaker Quantity	Main Switch Current Rating	Circuit Breaker Quantity, 30mA	Height	Width
1244-000222	SBS-12-MV-20	12	63 A	0	800 mm	800 mm
1244-000223	SBS-15-MV-20	15	100 A	0	800 mm	800 mm
1244-000224	SBS-18-MV-20	18	125 A	0	1000 mm	800 mm
1244-000215	SBS-03-VV-20	3	63 A	1	600 mm	400 mm
1244-006430	SBS-03-CM-20	3	32 A	1	600 mm	400 mm
1244-006434	SBS-03-CW-40	3	32 A	1	600 mm	400 mm
1244-000216	SBS-06-VV-20	6	100 A	2	600 mm	600 mm
1244-006431	SBS-06-CM-20	6	63 A	2	600 mm	600 mm
1244-006435	SBS-06-CW-40	6	100 A	2	600 mm	600 mm
1244-000217	SBS-09-VV-20	9	100 A	3	800 mm	800 mm
1244-000218	SBS-12-VV-20	12	160 A	4	800 mm	800 mm
1244-006432	SBS-09-CM-20	9	63 A	3	600 mm	600 mm
1244-006433	SBS-12-CM-20	12	100 A	4	800 mm	800 mm
1244-006436	SBS-09-CW-40	9	100 A	3	800 mm	800 mm
1244-006437	SBS-12-CW-40	12	160 A	4	800 mm	800 mm
1244-006438	SBS-15-CW-40	15	160 A	5	1000 mm	800 mm
1244-006439	SBS-18-CW-40	18	250 A	6	1000 mm	800 mm
1244-008212	SBS-15-CM-20	15	125 A	5	800 mm	800 mm

CatalogNumber	Item Name	Circuit Breaker Quantity	Main Switch Current Rating	Circuit Breaker Quantity, 30mA	Height	Width
1244-008213	SBS-18-CM-20	18	125 A	6	1000 mm	800 mm

Table 2/2

Catalog Number	Item Name	Depth
1244-000219	SBS-03-MV-20	210 mm
1244-000220	SBS-06-MV-20	210 mm
1244-000221	SBS-09-MV-20	210 mm
1244-000222	SBS-12-MV-20	210 mm
1244-000223	SBS-15-MV-20	210 mm
1244-000224	SBS-18-MV-20	210 mm
1244-000215	SBS-03-VV-20	210 mm
1244-006430	SBS-03-CM-20	210 mm
1244-006434	SBS-03-CW-40	210 mm
1244-000216	SBS-06-VV-20	210 mm
1244-006431	SBS-06-CM-20	210 mm
1244-006435	SBS-06-CW-40	210 mm
1244-000217	SBS-09-VV-20	210 mm
1244-000218	SBS-12-VV-20	210 mm
1244-006432	SBS-09-CM-20	210 mm
1244-006433	SBS-12-CM-20	210 mm

Catalog Number	Item Name	Depth
1244-006436	SBS-09-CW-40	210 mm
1244-006437	SBS-12-CW-40	210 mm
1244-006438	SBS-15-CW-40	300 mm
1244-006439	SBS-18-CW-40	300 mm
1244-008212	SBS-15-CM-20	210 mm
1244-008213	SBS-18-CM-20	300 mm

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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