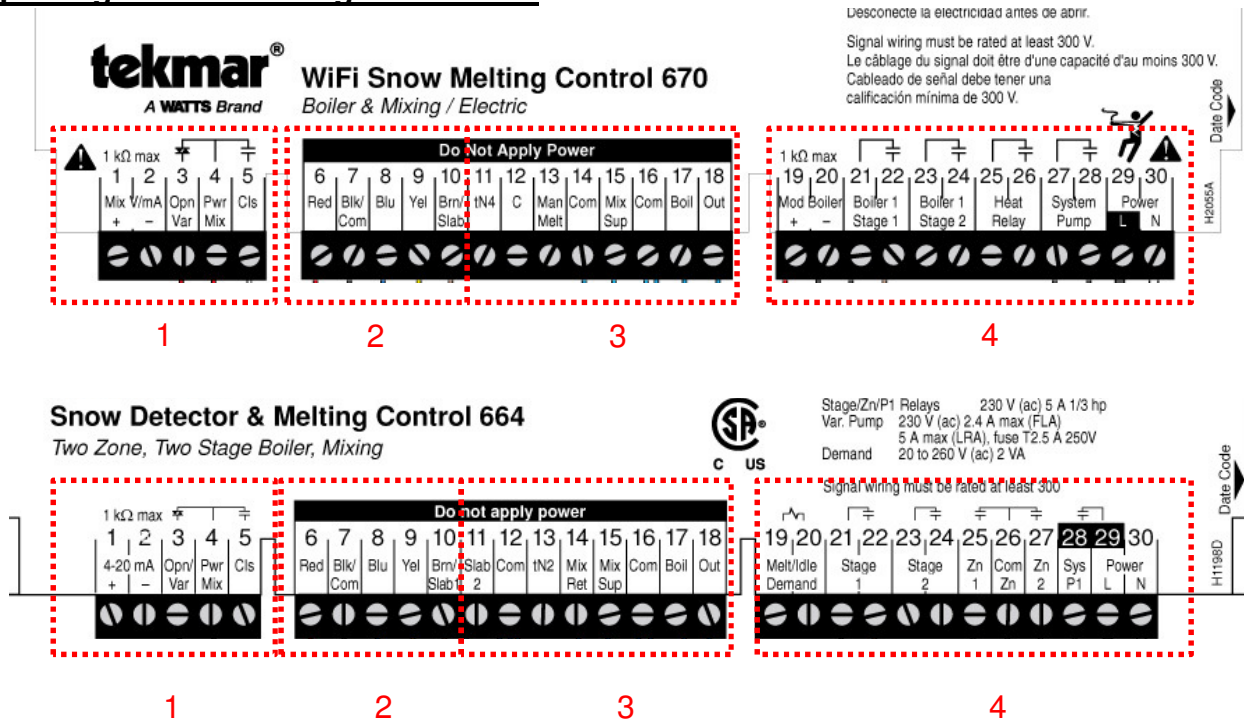


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Replacing Snow Melting Controls 664 & 667 with WiFi Snow Melting Control 670

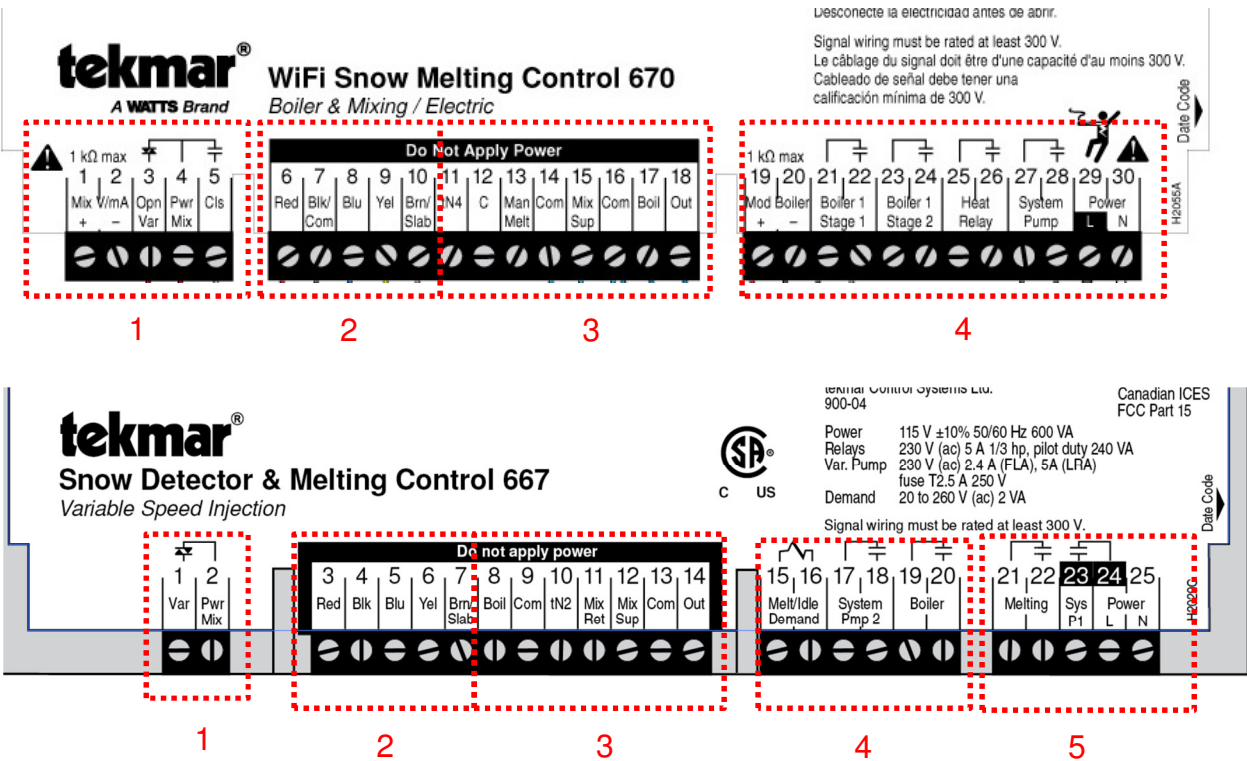
The WiFi Snow Melting Control 670 was developed to provide easy remote access through the tekmar Connect mobile app, and to replace Snow Melting Controls 664 and 667. The terminal block layout was designed to simplify the replacement process. While many blocks may be directly interchanged, others require minimal rewiring.

Replacing a Snow Melting Control 664



- Terminal Block 1: Direct replacement.
- Terminal Block 2: Direct replacement.
- Terminal Block 3: Rewiring may be required.
 - The wires on terminals 11-14 are not used.
 - Terminals 15–18 can be re-wired pin for pin.
- Terminal Block 4: Rewiring is required.
 - The wires on terminals 19 and 20 are moved to terminals 13 and 14.
 - Terminals 21-26 can be re-wired pin for pin.
 - The wire on terminal 28 is moved to terminal 27 on the 670, and a jumper wire is connected between terminals 28 and 29.
 - Terminals 29 and 30 can be re-wired pin for pin.

Replacing a Snow Melting Control 667



- Terminal Block 1: Move the terminal block to terminals 3 and 4 on the 670.
- Terminal Block 2: Direct replacement.
- Terminal Block 3: Rewiring is required.
 - The wire on terminal 8 moves to terminal 17.
 - The wire on terminal 9 moves to terminal 16.
 - The wire on terminal 10 is not used.
 - The wire on terminal 11 is not used.
 - The wire on terminal 12 moves to terminal 15.
 - The wire on terminal 13 moves to terminal 16.
- Terminal Block 4: Rewiring is required.
 - Wires on terminals 15 and 16 are moved to terminals 13 and 14.
 - Wires on terminals 17 and 18 are moved to terminals 25 and 26.
 - Wires on terminals 19 and 20 are moved to terminals 21 and 22.
- Terminal Block 5: Rewiring is required
 - Wires on terminals 21 and 22 are not used.
 - The wire on terminal 23 is moved to terminal 27 on the 670, and a jumper wire is connected between terminals 28 and 29.
 - Wires on terminals 24 and 25 are moved to terminals 29 and 30.