

About the Power Modulator

Whether installing a snow-melting system for a single- or multi-zone application, WarmlyYours' Power Modulators have the ability to save money and handle a higher amount of power than the average control.

The Power Modulators reduce spending by offering a built-in GFS (ground fault sensor). This eliminates the need for a GFEP (ground fault equipment protection) breaker for every heating element, which adds significant cost to the project. Plus, an included upper limit temperature sensor saves energy.

For large residential or commercial areas with a limited power supply, WarmlyYours Power Modulators have the ability to split the load. This means that snow-melting cable embedded in asphalt, concrete or mortar under pavers can heat up one zone at a time, thus eliminating the need to upgrade the power supply on site. In return, this saves money and puts the control in the customer's hands by letting them set the amount of time that each zone should be active.

Typical applications include driveways, sidewalks, loading docks, stairs and pavement, as well as roofs and gutters if a gutter sensor is used.

WarmlyYours Power Modulators are available in two options.

POWER MODULATOR

Commissioning/
Test Mode



Programmable & Precise
Snow/Ice Sensor



Integrated Fault Detector,
GFCI non class A

Automatic &
Manual Modes



User-Friendly
Programming

POWER MODULATOR 03



With four contactors, the Power Modulator 3 allows customers to use one per each zone, up to four zones. This can be done in one of two ways. Either all four zones can be used for snow melting, or three zones can be used for snow melting and the fourth zone can be used for roof and gutter deicing.



Activate up to
4 Zones

POWER MODULATOR 05

The Power Modulator 5 has five contactors that allow customers to operate up to five zones, depending on the sensors being used. This can be done in one of two ways. Either four zones can be used for snow melting (zones 4 and 5 will work together as one zone), or four zones can be used for snow melting and the fifth zone can be used for roof and gutter deicing.



Activate up to
5 Zones



	Part No.	Item	Description
	SCPM-CO-120-3	Power Modulator 3	4-zone controller, 4-30A/2P Contactors, 2-Phase, 300V Max
	SCPM-CO-120-5	Power Modulator 5	5-zone controller, 4-50A/3P Contactors, 3-Phase, 600V Max; 1 Zone Aux Controller, 1-30A/2P Contactor, 2-Phase, 300V Max
	SCPM-SS-120	Power Modulator Snow/Ice Aerial Sensor	Outdoor snow sensor
	SCPM-WM-120	Power Modulator Wall-Mounting Bracket for Aerial Sensor	Wall-mounting, adjustable, rust-free holding bar

*Power Modulator electrical boxes include an upper limit temperature sensor. Snow/Ice Sensors and Wall-Mounting Brackets must be purchased separately. For system limitations, please contact technical support at 800-875-5285.