

Data Sheet

DS-2C Built-in Sensor/Controller for Snow Melting Applications



General Information



The DS-2C is designed for economical and effective control of heating cables in residential and commercial snow and ice melting applications. With versatility in mind,

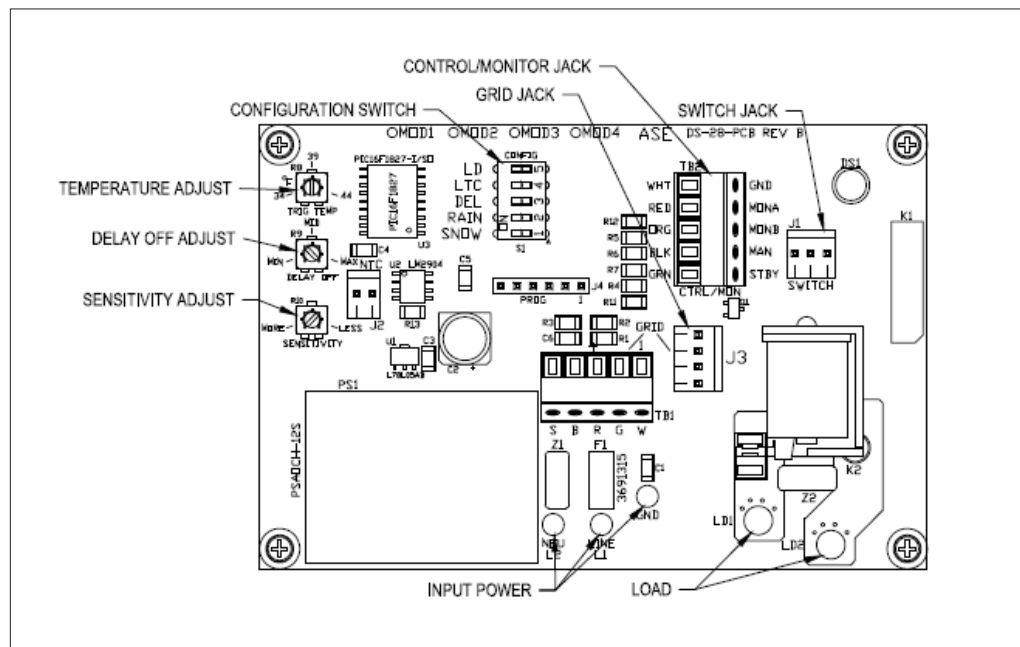
it can be used as a stand alone controller or as a sensor for larger systems. It regulates cable operation in driveways, sidewalks, and ramps.

- Housed in a weatherproof enclosure
- Senses both moisture and temperatures
- Adjustable temperature trigger point
- Expanded 30-90 min. & 2-6 hr. delay off drying time
- Manual override capable
- Selectable low temperature cutoff with unique Recover module
- Super bright front panel power/activation LED indicator
- Remote control and monitor capabilities
- Easy to install
- Two year warranty

Technical Data

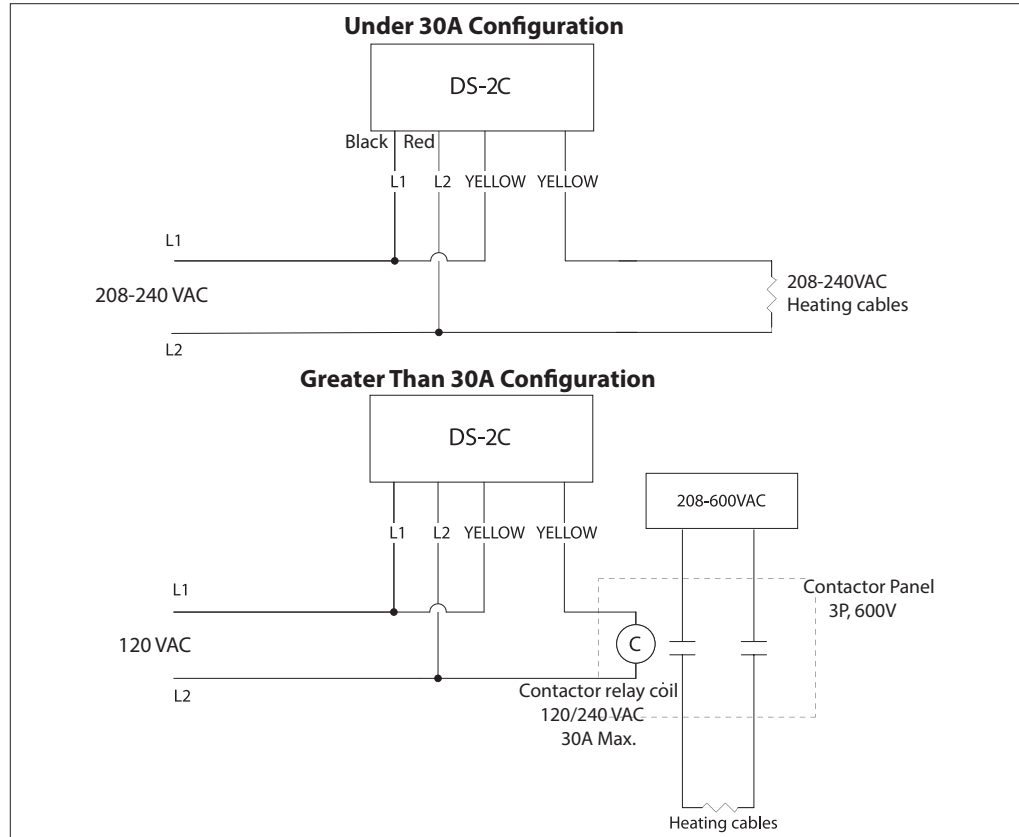
Supply:	100-277V Universal input power supply
Max. Heating Load:	30A @ 277 VAC
Operating Temperature:	-40°F to 185°F (-40°C to 85°C)
Enclosure Type:	NEMA 3R
Mounting:	Pole or Wall Mounted, outdoors
Dimensions (HxWxD):	4.75" x 7.0" x 2.75" (121mm x 178mm x 70mm)
Trigger Temperature:	34°F to 44°F (1.1°C to 6.6°C), Field Selectable
Delay Timer:	30-90 minutes, Field Selectable

Internal Diagram





Typical Application



Ordering Information

Part No.	Description
088L3044	DS-2C Snow Melt Controller (30A)

Applications

Products in this data sheet are for use with these Danfoss mats and cables:

Danfoss Electric Heating Products
GX Electric Snow Melting Cables and Mats

Accessories

Part No.	Description
088L3038	CDP-2 Remote Control & Display Panel
088L3039	CS-1 Remote Control/Monitor Pigtail for CDP-2

Warranty

Danfoss offers a two year limited warranty covering defects in workmanship and materials.

Technical Services

For technical questions, please contact Danfoss Heating Division North America at **1-888-DANFOSS (326-3677)**. More information on Danfoss Electric Heating products is available at www.LX.Danfoss.com.

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Danfoss
Toronto
 Tel: 1-888-DANFOSS (326-3677)
 Tel.: 905-285-2050
 Fax: 416-352-5981
www.LX.Danfoss.com

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