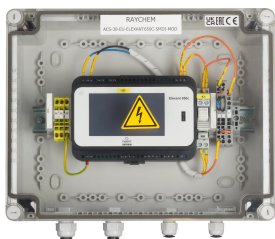


# ACS-30 Sensing and Monitoring Module



The nVent RAYCHEM ACS-30-EU-ELEXANT650C-SMDI-MOD Module for the ACS-30 system provides smart sensor input for surface snow melting and roof & gutter de-icing applications. The Remote Monitoring Module (RMM) is used to collect sensor/temperature inputs for monitoring of the heat tracing circuits of an ACS-30 control system.

## FEATURES

The output from the ACS-30-EU-ELEXANT650C-SMDI-MOD module enables the switching of the heating circuits within the power & control module (PCM)

The ACS-30-EU-ELEXANT650C-SMDI-MOD module provides ground or roof & gutter temperature and moisture sensing for the ACS-30 control system

Ground temperature and moisture sensor (E650C-G) and roof & gutter temperature and moisture sensor (E650C-R) are sold separately

The RMM provides up to 8 sensor inputs per module with feedback to the ACS-30-EU-UIT3 interface

A single twisted pair RS-485 cable connects up to 247 RMM units providing additional temperature monitoring sensor inputs

The RMM is remotely located adjacent to the desired measurement locations

The RMM comes in 2 versions: ACS-30-EU-RMM3 (230 V) and ACS-30-EU-RMM3-24VDC (24 V), both pre-installed inside a compact enclosure

## SPECIFICATIONS

Table 1/2

| Catalog Number | Item Name                      | Depth  | Height | Housing Material | IP Rating | Mounting     |
|----------------|--------------------------------|--------|--------|------------------|-----------|--------------|
| 2000003973     | ACS-30-EU-ELEXANT650C-SMDI-MOD | 132 mm | 262 mm | Polycarbonate    | IP20      | Wall Mounted |

Table 2/2

| Catalog Number | Item Name | Width |
|----------------|-----------|-------|
|----------------|-----------|-------|

|            |                                |        |
|------------|--------------------------------|--------|
| 2000003973 | ACS-30-EU-ELEXANT650C-SMDI-MOD | 332 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](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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