

DEVlreg™ Multi 7 channel controller for variety of control algorithms

Meet new multichannel controller from DEVI

One DIN-rail controller

that you may use instead of multiple

NEW

DEVireg™ Multi is 7 channel electronic programmable controller for DIN rail installation. Each of 7 channels has 3 control modes: temperature sensor, time proportional power regulation without sensor and manual on/off power regulation with time period.

Wide application sphere of electric heating for outdoor applications – from frost protection of pipes and protection of cold rooms to applications in private houses and comfort / total heating – requires modern control systems to be implemented. Improvements made in product range are also explained by extended market demands for multiple zone with individual settings accurate control.

Frost protection of pipes



Protection of cold rooms



Ground Ice & snow melting for small private applications



Comfort heating



Total heating



MAIN FEATURES:

- Each of the 7 channels can be individually set up with three control modes
- Possibility to select appropriate sensor type out of 8 possible for each channel
- Full text display inside robust and reliable display-case
- Control functions that can be set up for electric and hydronic heating or cooling systems
- Special service functions which can be programmed for every channel
- Suitable for multiple areas of use: pipes, cold rooms, comfort floor heating, ground applications with temperature sensor
- Modbus RS485 interface that gives possibility of BMS control
- 110 / 230 V AC power supply

How do 7 channels of **DEVreg™ Multi** work in 3 main modes?

1. Temperature Sensor Regulation '1S' = 1 Sensor

Similar as performed by
DEVreg™ / Ectemp 330/316 – max 7 pcs.



or / and

2. Power Regulation 'PR' = Power Regulation

Similar as performed by
DEVreg™ 527 – max 7 pcs.



or / and

3. Service Mode "Manually On" and "Manually Off" max 900 min.

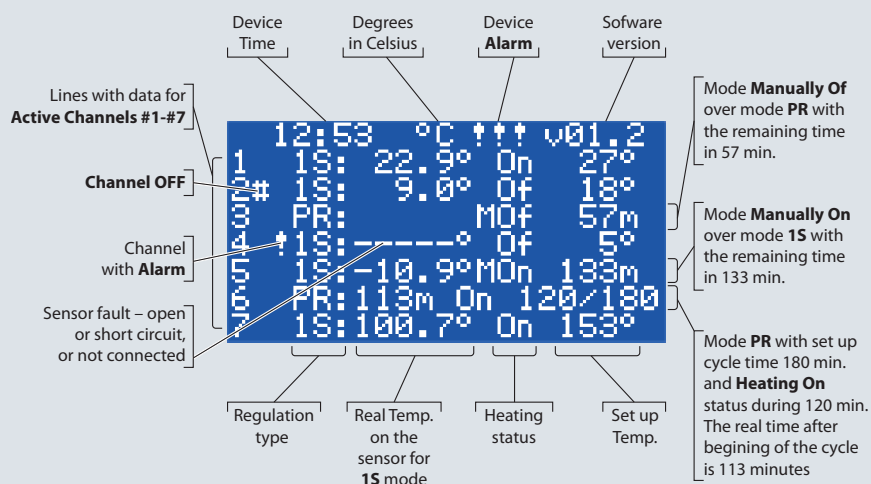
Similar as performed by
Switch On/Off – max 7 pcs.



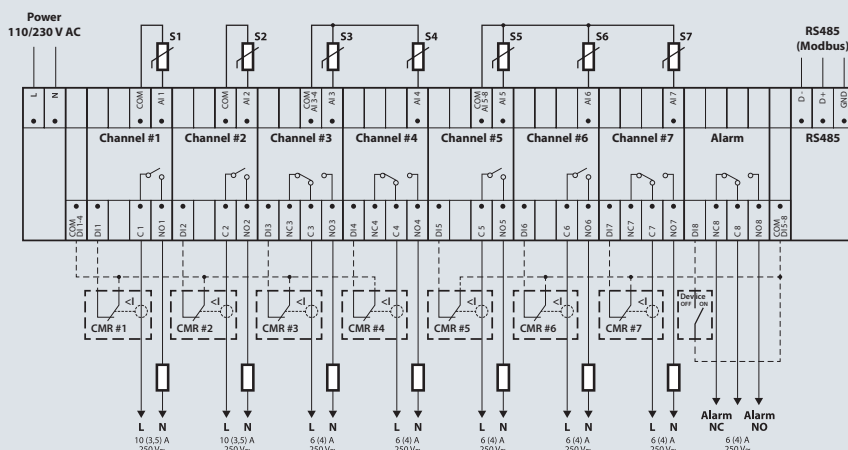
BENEFITS:

- You make **significant money savings** buying 1 unit instead of multiple
- You **save energy and operational costs** without compromising quality and safety
- You **increase your efficiency** having all information on 1 display
- You **save time** on installation of 1 thermostat for different applications
- You monitor and **know immediately** about any possible failures to correct them quickly
- You use **logic of 1 device** to control **different** applications
- You **provide best service** having real-time immediate overview of functions
- You **get possibility of BMS** remote control

Main screen view:



Connection scheme:



S - Temperature Sensor;
CMR - Current Monitoring Relay

DEVIreg™ Multi

Installation and User Guide

to learn more about:



Installation and User Guide

DEVIreg™ Multi

7 channel DIN-rail programmable controller

- General use of thermostat
- Terms and abbreviations used
- General use of thermostat
- Overview of control modes, special functions, and settings
- Active and Not Active Channel status
- Relay status RO/RC – special setting for status 'Heating On'
- 1S or Single Sensor mode and Sensor Type set up
- PR or Power Regulation mode
- Manually heating On and Manually heating Of mode
- CableOK? – special function to monitor cable failure
- Channel ON/OFF – special function
- Device ON/OFF – special function
- Relay Test 5/30 – special function
- Alarms, alarm data and alarm relay
- Relay Counters view and reset
- Language setting
- Date and Time settings
- BMS settings
- Technical specifications & Connection diagrams



DEVI by Danfoss has the widest product offering for indoor and outdoor applications. In contemporary world becoming more volatile, **Danfoss Electric Heating** has never been more relevant as direct electrical heating system in certain building types is an efficient alternative to other heating systems both in terms of energy consumption and in terms of economic efficiency.

DEVI electric heating is globally used for:

- FLOOR HEATING
- COMFORT HEATING
- ICE AND SNOW MELTING
- ROOF FROST PROTECTION
- PIPE FROST PROTECTION
- COLD STORES PROTECTION
- DOMESTIC HOT WATER
- SPORT FIELD HEATING

Learn more:



DEVI electric heating solutions are reliable and high quality of cables comes together with the best warranty offered on the market – up to 20 years of full warranty for resistive heating cables and mats.



Let's get in contact:

