

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive 2014/35/EU and the Low Voltage Directive 2014/30/EU.

2. Product model

N320, N321, N321R, N322, N322R, N322T, N323, N323T, N323TR

3. Product description

The N320 is a temperature indicator. The N321x, N322x and N323x are temperature controllers. Input sensor types can be NTC thermistor, Pt100 or thermocouples. The N321x provides one relay output, the N322x provides two and the N323x provides three.

4. Conformity

The products N320x, N321x, N322x and N323x conform to the following standards:

- EMC: EN 61326-1:2013

Emission:	Standard	Description
	CISPR11/EN55011	Conducted and Irradiated emission

Immunity:	Standard	Description	Severity level
	EN61000-4-2	Electrostatic Discharge test	CD 4 kV AD 8 kV
	EN61000-4-3	Radiated Susceptibility test	10 V/m (80 MHz to 1 GHz) 3 V/m (1.4 GHz to 2 GHz) 1 V/m (2.0GHz to 2.7GHz)
	EN61000-4-4	Electrical Fast Transients	±2 kV (on power supply) ±1 kV (on other inputs)
	EN61000-4-5	Voltage surge	±2 kV
	EN61000-4-6	Conducted disturbances, Induced by radio frequency fields	3 VRMS
	EN61000-4-8	Magnetic Field Immunity	30 A/m, 50 Hz
	EN61000-4-11	Voltage dips, short interruptions	100% interruption for 10 mS

- Safety: EN61010-1:2010 (UL file SA32371)

5. Manufacturer:

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