

FEATURES

- Temperature probe.
- 0.5°C accuracy (@25°C).
- 0.1°C measure precision.
- Conformity with CE directives



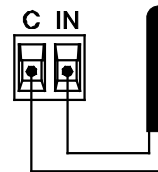
Figure 1: Z(N1)AC-NTC68S/E/F

GENERAL SPECIFICATIONS – Z(N1)AC-NTC68S	
CONCEPT	DESCRIPTION
External power supply	No
Operation temperature	from -30°C to +125°C
Storage temperature	from -30°C to +125°C
Operation humidity	5 to 95% RH (no condensation)
Storage humidity	5 to 95% RH (no condensation)
Complementary characteristics	Class B
Safety class	III
Device action type	Type 1
Type of protection	IP20, clean environment
Weight	21g
NTC Probe Diameter	6mm
Housing	Steel
Thermistor value (@25°C)	6.8kΩ
Accuracy (@25°C)	0.5°C
Temperature measure precision	0.1°C
Cable cross-section	0.15 mm ² - 1.5 mm ² (26-14AWG)
NTC Probe length	1.5m (up to 30m)

GENERAL SPECIFICATIONS – Z(N1)AC-NTC68F	
CONCEPT	DESCRIPTION
External power supply	No
Operation temperature	from -30°C to +90°C
Storage temperature	from -30°C to +90°C
Operation humidity	5 to 95% RH (no condensation)
Storage humidity	5 to 95% RH (no condensation)
Complementary characteristics	Class B
Safety class	III
Device action type	Type 1
Type of protection	IP20, clean environment
Weight	28g
NTC Probe Diameter	5mm
Housing	Rigid Epoxy Resin
Thermistor value (@25°C)	6.8kΩ
Accuracy (@25°C)	0.5°C
Temperature measure precision	0.1°C
Cable cross-section	0.15 mm ² - 1.5 mm ² (26-14AWG)
NTC Probe length	1.5m (up to 30m)

GENERAL SPECIFICATIONS – Z(N1)AC-NTC68E	
CONCEPT	DESCRIPTION
External power supply	No
Operation temperature	from -30°C to +90°C
Storage temperature	from -30°C to +90°C
Operation humidity	5 to 95% RH (no condensation)
Storage humidity	5 to 95% RH (no condensation)
Complementary characteristics	Class B
Safety class	III
Device action type	Type 1
Type of protection	IP20, clean environment
Weight	9g
NTC Probe Diameter	5mm
Housing	Epoxy Resin
Thermistor value (@25°C)	6.8kΩ
Accuracy (@25°C)	0.5°C
Temperature measure precision	0.1°C
Cable cross-section	0.15 mm ² - 1.5 mm ² (26-14AWG)
NTC Probe length	1.5m (up to 30m)

INPUT CONNECTION



Z(N1)AC-NTC68S/E/F can be wired to any input of Zennio products that allow temperature probes

INSTALLATION ADVICES



In order to ensure the best measurement results, keep away from the next external influences:

- Direct sunlight.
- Drafts from windows, doors or ducts.
- Warm or cold structures due to, for example, sunlight, heating or cold water pipes.



The WEEE logo means that this device contains electronic parts and it must be discarded properly following the instructions of <http://zennio.com/wEEE-regulation>