

AGRICONTROL

X-3TRH

Maximum Flexibility. Endless Possibilities.

X-3TRH is a digital controller featuring 3 smart and independent relays, each individually programmable as a thermostat, or humidistat, or both, depending on your needs.

Each contact manages two intervention thresholds (low and high), with adjustable differential. Relay S3 includes a changeover contact (NO/NC), making it ideal for alarms and integration with other external devices.

The combined temperature + humidity probe, housed in a protective white shelter, can be installed up to 100 meters away from the control unit making it the right solution for sheds of any size.

Perfect for greenhouses and livestock farming, where flexibility, ease of use, and long-term reliability make the difference.



IP55 Protected



Gloves-Ready



**$\pm 0.5^{\circ}\text{C}$ / $\pm 0.2\%\text{RH}$
Accuracy**



45 Years Experience

THERMOSTAT/HUMIDISTAT WITH 3 SMART CONTACTS



Built for the real world.

- 3 independent smart contacts, each configurable as thermostat or humidistat
- Combined temperature + humidity probe in protective shelter (included)
- S3 contact with NO/NC changeover relay for fully compatibility with any device
- Physical buttons, gloves-ready
- IP55 protection: resistant to dust and water, even in harsh environments
- Easy programming language, suitable for any user



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One device. Endless configurations.

Heating + Air circulation + Alarm for high and low temperature

Ventilation + cooling system activated by temperature and/or humidity

Heating + Cooling activated by temperature and/or humidity

...and many more!



Why X-3TRH: Multi-Contact Advantage

Unlike single-function thermostats or humidistats, X-3TRH combining both functions in the same device, it provides full control, precision, and versatility for modern greenhouses and livestock systems with the highest level of simplicity.

Features	X-3TRH
Control Contacts	3 independent outputs
Function	Thermostat AND humidistat, configurable per relay
Probe	Combined Temperature + Humidity (SHT85)
Probe accuracy	$\pm 0.5^{\circ}\text{C}$ @ 25°C / $\pm 2\%\text{RH}$ from $0\%\text{RH}$ to $100\%\text{RH}$
S3 contact	Switchable NO/NC
Probe distance	Up to 100 m from control unit
Configurability	Infinite combinations of function and thresholds
Use Cases	Greenhouses, livestock, cooling systems, combined alarms

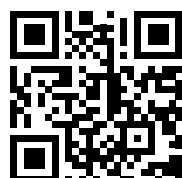
Technical Specifications

Supply	Outputs	Temperature sensor	Humidity sensor	Max probe distance	Dimensions	Protection Rating	Certifications
230 Vac, 50/60 Hz	3 x 2 A @ 250 Vac	$\pm 0.5^{\circ}\text{C}$ @ 25°C (included)	$\pm 2\%\text{RH}$ @ 25° (included in shelter)	100 m from control unit	170x105x82mm + shelter	IP55	CE, Made in Italy, 1-year warranty



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