HYterm LC100



LC100 is a controller designed for regulating the speed of electronic fans mounted on remote air condensers. It is used in various sectors such as HVAC, telecommunications, and agriculture.

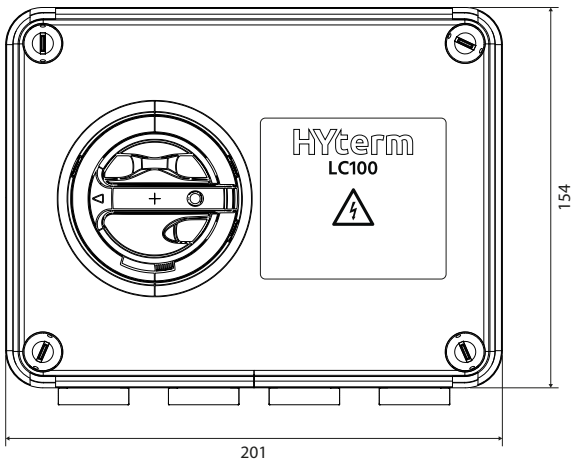
MAIN FEATURES

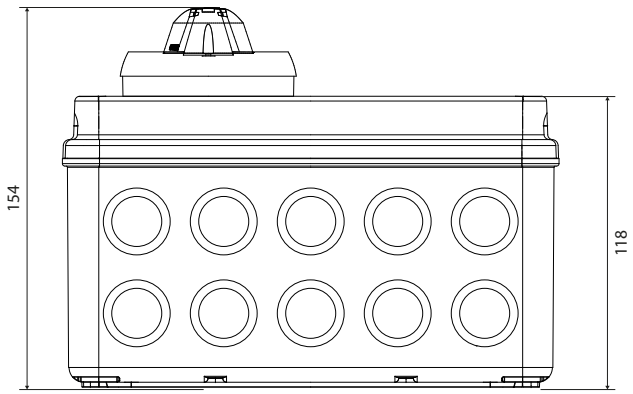
Single-phase power supply
Optimized for powering 4 single-phase electronic fans.

Plug and play
Ready to use, no configuration required.LC100 is designed to reduce installation times. Optimizes the production line.

Compact design
Optimized for limited spaces.

Fail Guard
Automatic fan activation in case of pressure sensor failure.





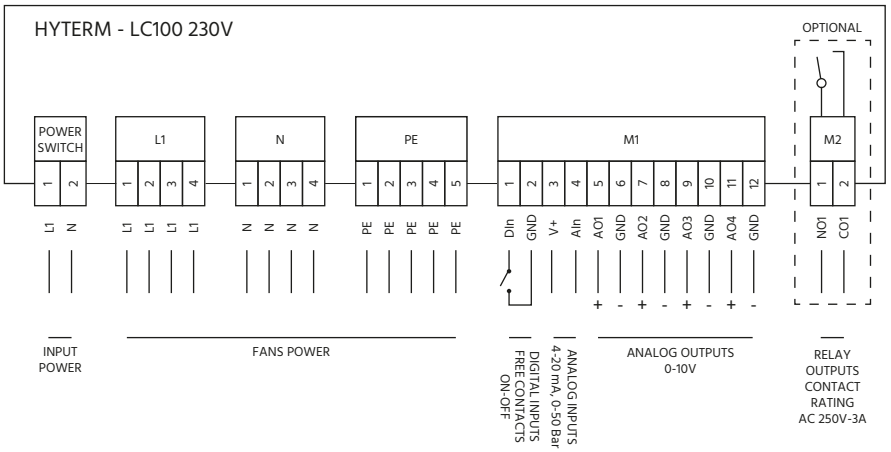
LC100

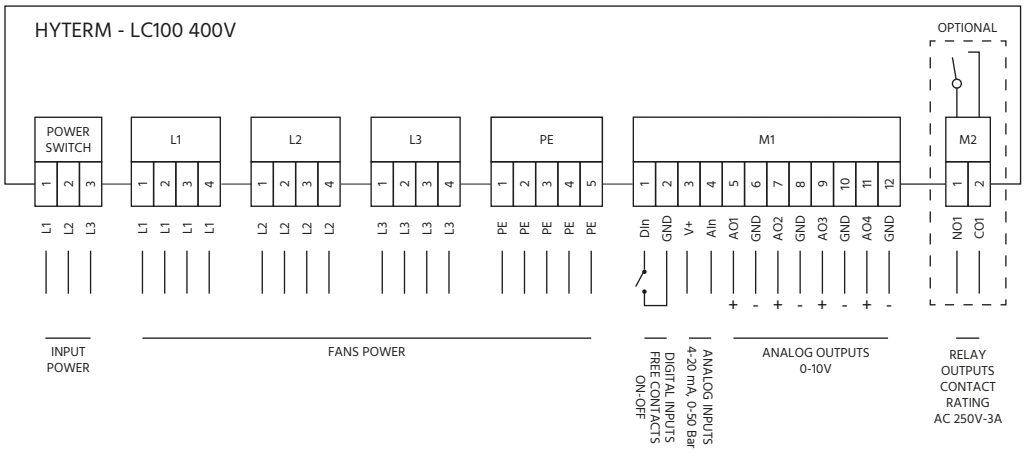
REV01-ENG 07/04/26

Characteristics and technical data of products and services presented in this document are preliminary and subject to change without notice.

TECHNICAL DATA	Rated voltage	230V 1Ph + N + PE ±10% 50/60Hz 400V 3Ph + PE ±10% 50/60Hz
	Absorbed current	10A
	Electrical connections	Spring terminal block 2.5 mmq (power) Spring terminal block 1 mmq (signal)
	Cable section	min 0.5 mmq ÷ max 2.5 mmq min 20 AWG Cu ÷ max 14 AWG Cu
OPERATING COND.	Operating temperature	-20÷50°C – Rh max 85% non condensing
	Storage temperature	-35÷85°C – Rh max 85% non condensing
	Vibrations	Vibrations <1g (9,8ms2)
	Protection degree	IP56
DIM.	Dimensiona	201 × 154 × 154 mm
	Weight	

INPUTS/OUTPUTS	Analog inputs	1 input 4-20mA (0 - 50 Bar)
	Digital inputs	1 digital input (clean contact) ON/OFF function
	Analog outputs	4 analog outputs 0-10V max 20mA
	Digital outputs	1 digital output (changeover contact 250V 3A) on optional plug-in
ENCLOSURE	Mounting	Panel mounting
	Material	Technopolymer GWPLAST 75 (Halogen Free)
	Color	Gray RAL 7035
	Cable glands	10 × M20
STANDARDS	Compliance	2014/35/EU (LVD – Low Voltage) 2014/30/EU (EMC–Electromagnetic Compatibility)
	Reference standards	CEI EN60730-1, CEI EN60730-2-9, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4; EN 55014-1, EN 55014-2





PRODUCT	DESCRIPTION	CODE
LC100	Speed controller for remote condensers (50 Bar) 230Vac 50/60Hz IP56	10.014.00.0000
LC100	Speed controller for remote condensers (50 Bar) 230Vac 50/60Hz IP56 + Alarm plugin	10.014.00.0001
LC100	Speed controller for remote condensers (50 Bar) 400Vac 50/60Hz IP56	10.014.00.0002
LC100	Speed controller for remote condensers (50 Bar) 400Vac 50/60Hz IP56 + Alarm plugin	10.014.00.0003

Hyterm S.r.l.
Viale del lavoro, 18 - 25045 Castegnato (BS)
www.hyterm.com - info@hyterm.com