HYterm DT200



DT200 is a controller designed for the speed regulation of electronic fans mounted on finned pack heat exchangers.
DT200 is designed for mission critical application like data-center and power generation.

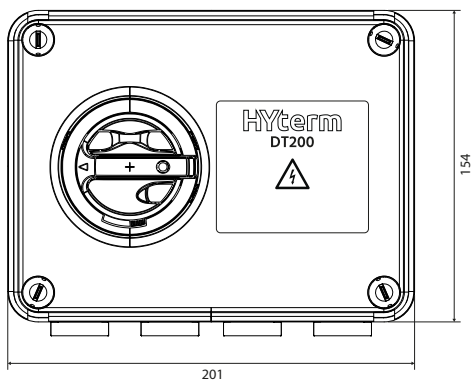
MAIN FEATURES

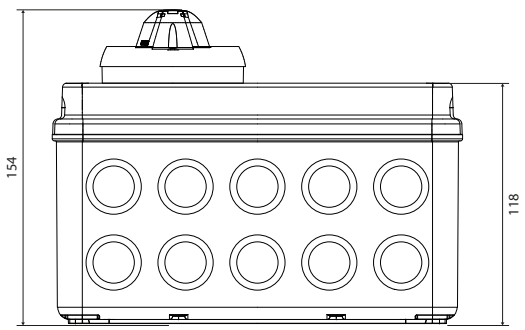
Compact design
Optimised for limited spaces, it can power four single-phase and three-phase EC fans.

Energy Saving
Thanks to carefully studied control algorithms, DT200 allows an efficient management of the fans, reducing its energy consumption and increasing its efficiency.

Modern
Based on a modern platform equipped with a latest generation processor, it allows the upgrade of the FW locally through the built-in USB port or remotely through IIoT GR gateways.

IIoT Ready
The integrated Bluetooth connection and the free application HyCo allow you to monitor and configure the controller DT200 from IOS or Android mobile device.





CE RoHS 2002/95/EC

www.hyterm.com
info@hyterm.com

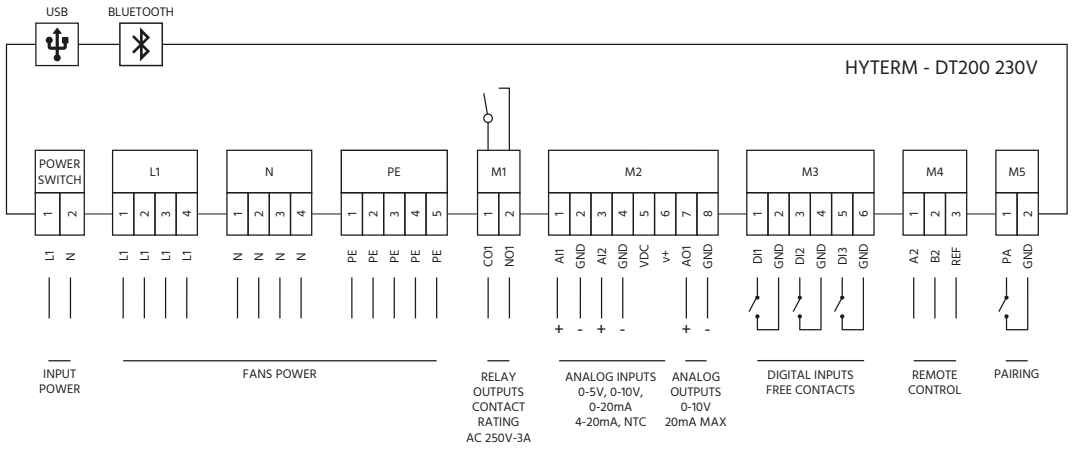
DT200

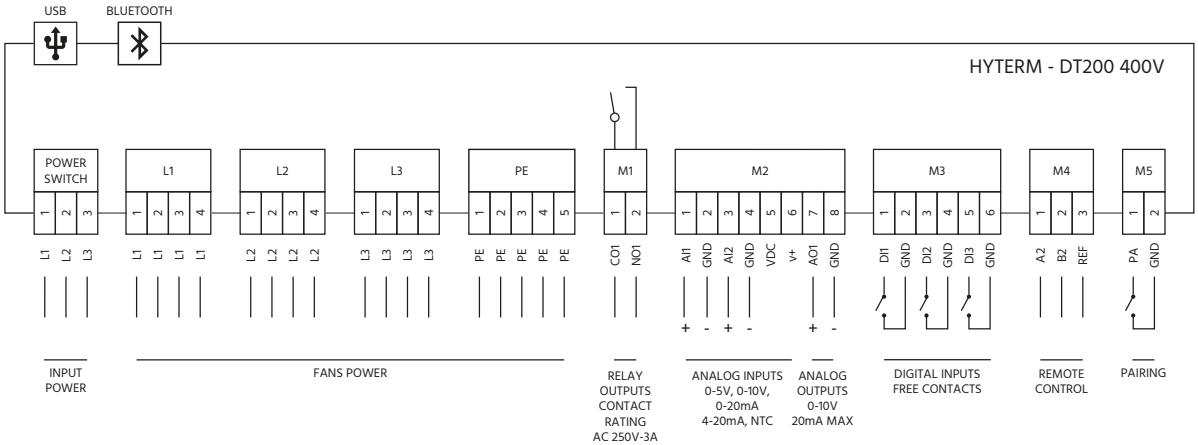
REV01-ENG del 17/04/26

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

TECHNICAL DATA	Power supply	230V ±10% 50/60Hz 400V ±10% 50/60Hz
	Power consumption	10VA
	Terminal block	Screw plug-in male/female connectors pich 3,81 / 5,08
	Cable cross-section	min 0,5 mmq ÷ max 2,5mm² min 20 AWG Cu ÷ max 14 AWG Cu
OPERATING CONDITIONS	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)
	Degree of protection	IP56
	Degree of pollution	—
	Insulation class	—
CONN.	Communication lines	COM or RS485 BMS
	Bluetooth	Interior
	USB	Micro USB
MEASURE	Dimensions	201 × 154 × 154 mm
	Weight	

INPUTS/OUTPUTS	Analog inputs	2 configurable inputs 0-5V, 0-10V, 0-20mA, 4-20mA, NTC
	Digital inputs	3 digital inputs (dry contact) All inputs can be configured NO or NC
	Analog outputs	1 analog output 0-10V max 20mA
	Digital outputs	1 digital output (changeover contact 250V 3A) All outputs can be configured NO or NC
ENCLOSURE	Mounting	On panel
	Material	GWPLAST 75 technopolymer (Halogen Free)
	Ball pressure test	85°C
	Flammability Rating	HB (according UL94)
	GWFI	650°C
	Color	Gray RAL 7035
	Cable glands	2 × M20 + 2 × M12
STANDARD	Compliance	2014/35/UE (LVT – Low Voltage) 2014/30/UE (EMC–Electromagnetic compatibility)
	Technical Standard	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
DT200	Speed Regulator 230Vac 50/60Hz IP56	10.016.00.0002
DT200	Speed Regulator 400Vac 50/60Hz IP56	10.016.00.0003

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