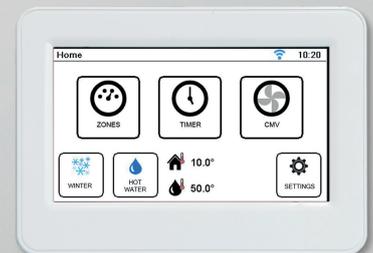




DOT4ALL

Smart Controller for HVAC
System Control and Supervision



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The DOT4ALL Controller can manage heating, cooling and domestic hot water production systems with a user-friendly interface. The touch screen display allows the end user to access the system functions in a simple and intuitive way such as seasonal change, system ON/OFF switch, weekly programs, both indoor ambient and water temperature set points, domestic hot water set point, control of the ventilation units if any. While the installer or the maintenance technician can configure the climatic curves both in heating and in cooling mode for all circuits, he can also view the information related to the generators and the status of the alarms, if present.

In the end the service technical support can connect the PC to the DOT4ALL since the display is equipped with a USB port, then using a proprietary tool the technical support can fully configure the controller to adapt it to the specific system.

DOT4ALL has as standard the below features on board:

- > a temperature and humidity sensor to manage one zone
- > an analogic or digital input contact
- > an OpenTherm bus for boilers management
- > a Modbus bus that can manage heat pumps, ventilation, integration and/or dehumidification units and energy meters with a dedicated firmware
- > a REG bus for REG System I/O modules management (REG-IOA, REG-IOB, REG-IOC, REG-EXP-8)
- > a Wi-Fi modem for connection to the www.s5a.eu remote system management and for manage the system via App
- > a mini-USB type B 2.0 port to connect via PC for update the firmware or for the configuration of the display
- > possibility to manage up to 32 zones, 8 circuits, 3 generators via dry contact or 0/10V (Boilers, Heat Pumps, Fireplaces, etc.) and 8 generators via OpenTherm protocol (with specific interfaces) or Modbus RTU (with specific interface with dedicated firmware) through cascade algorithms
- > possibility to customize the Modbus firmware and the graphic part
- > possibility to update the firmware via USB or via Wi-Fi
- > advanced diagnostics on board.



Colore	White	Power supply	12 Vdc
Screen size	4,3" (109,9 mm)	Ambient temperature sensor	Included
Weight	85,4 gr	Humidity sensor	Included
Size (HxLxD)	87x121x19 mm	USB port type	Mini B 2.0
Storage temperature	-40...+85°C	IP Protection degree	IP00
Operating temperature	-20...+55°C	Fire rating class	A
Storage and operating humidity	10...90% HR	Wi-Fi Modem	Included
Maximum consumption	200 mA / 2,4 V	Wi-Fi compatibility	802.11

DOT4ALL Back view and related wirings

