



Data Sheet

Danfoss *Icon*™ Master Controller 230V

Description



Danfoss *Icon*™ 230V Master controller is a connection box for use in hydronic floor heating using 230V thermostats and actuators.

The *Icon*™ 230V Master controller can connect up to 14 thermal actuators from up to 8 room thermostats. It is provided with 230V Live circulation pump output and a potential-free relays for controlling a boiler. The relays are activated when one or more thermostats require heat.

The featured version also supports away and cooling mode which can be controlled by a 230V signal as well as LED's to indicate when outputs are active.

Mounting is made easy due to a simple layout of the terminals and clear marking on the screw terminals.

Ordering

Product	Type of plug	Code number
Danfoss <i>Icon</i> ™ Master, 230 V, 8 ch., Basic	F	088U1030
Danfoss <i>Icon</i> ™ Master, 230 V, 8 ch., Featured	F	088U1031
Danfoss <i>Icon</i> ™ Master, 230 V, 8 ch., Basic, CH	J	088U1032
Danfoss <i>Icon</i> ™ Master, 230 V, 8 ch., Featured, CH	J	088U1033

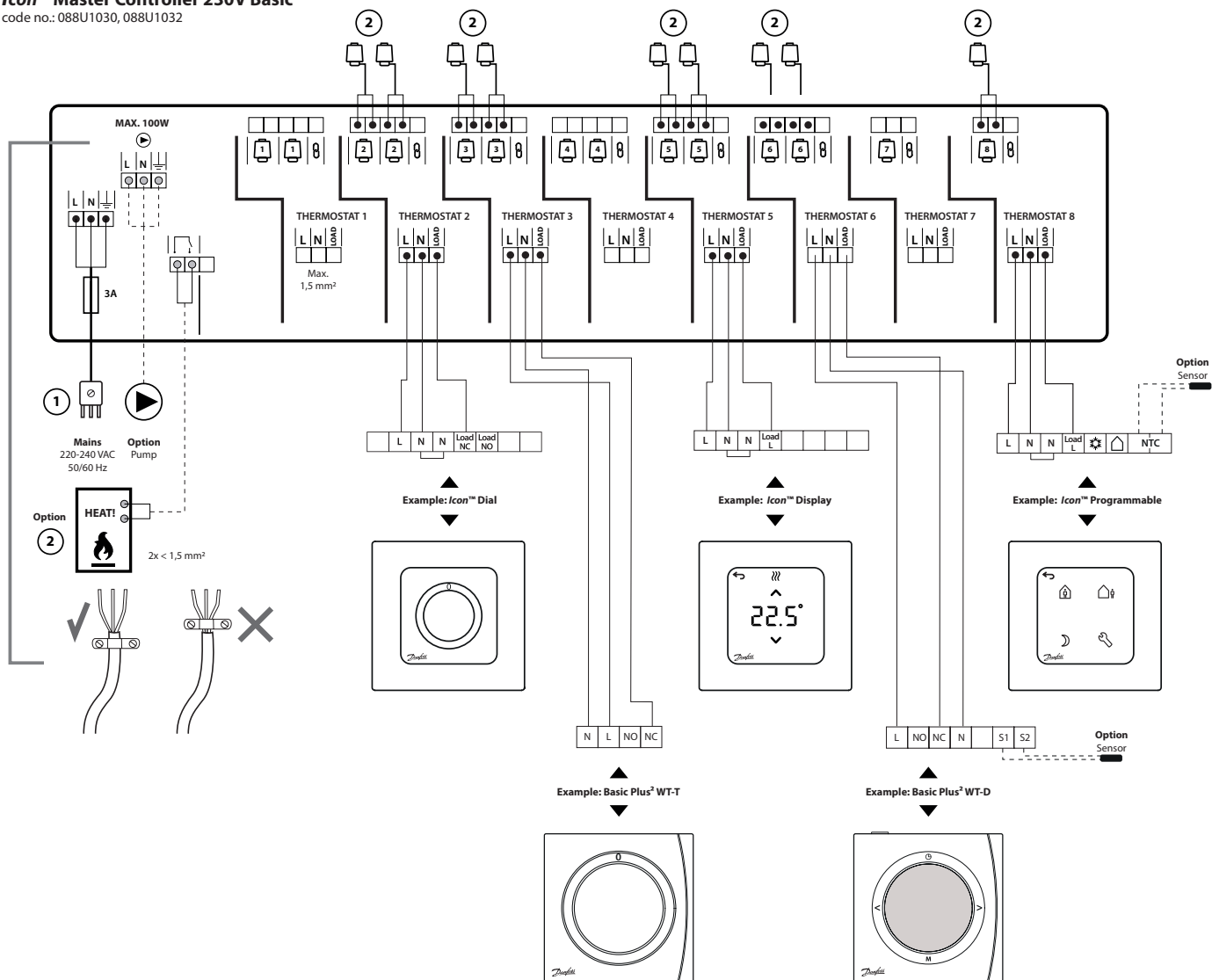
Technical data

	Basic	Featured
Max. number of thermostats	8	
Max number of actuators	14	
Supported actuator types	Normally closed (NC)	
Internal fuse	3A	
Conforms with directives	LVD, EMC, RoHs, WEEE	
Supply voltage	220 - 240 V AC	
Supply frequency	50/60 Hz	
Output voltage, actuators	230 VAC	
Ambient temp. range, operation	0 °C to +50 °C	
Storage temp. range,	-20 °C to +60 °C	
Output relay, pump	230V Max. 100 W	
Output relay, boiler	Potential free Max. 2A	
Output cooling	NA	230 V when active
Output Setback	NA	230 V when active
Input Cooling	NA	External switch input (230 V rating)
Input setback	NA	External switch input (230 V rating)
Rated impulse voltage	4 kV	
Temperature for ball pressure test	75 °C	
Control pollution degree	Pollution degree 2	
Disposal instructions	As electronic waste	

Wiring

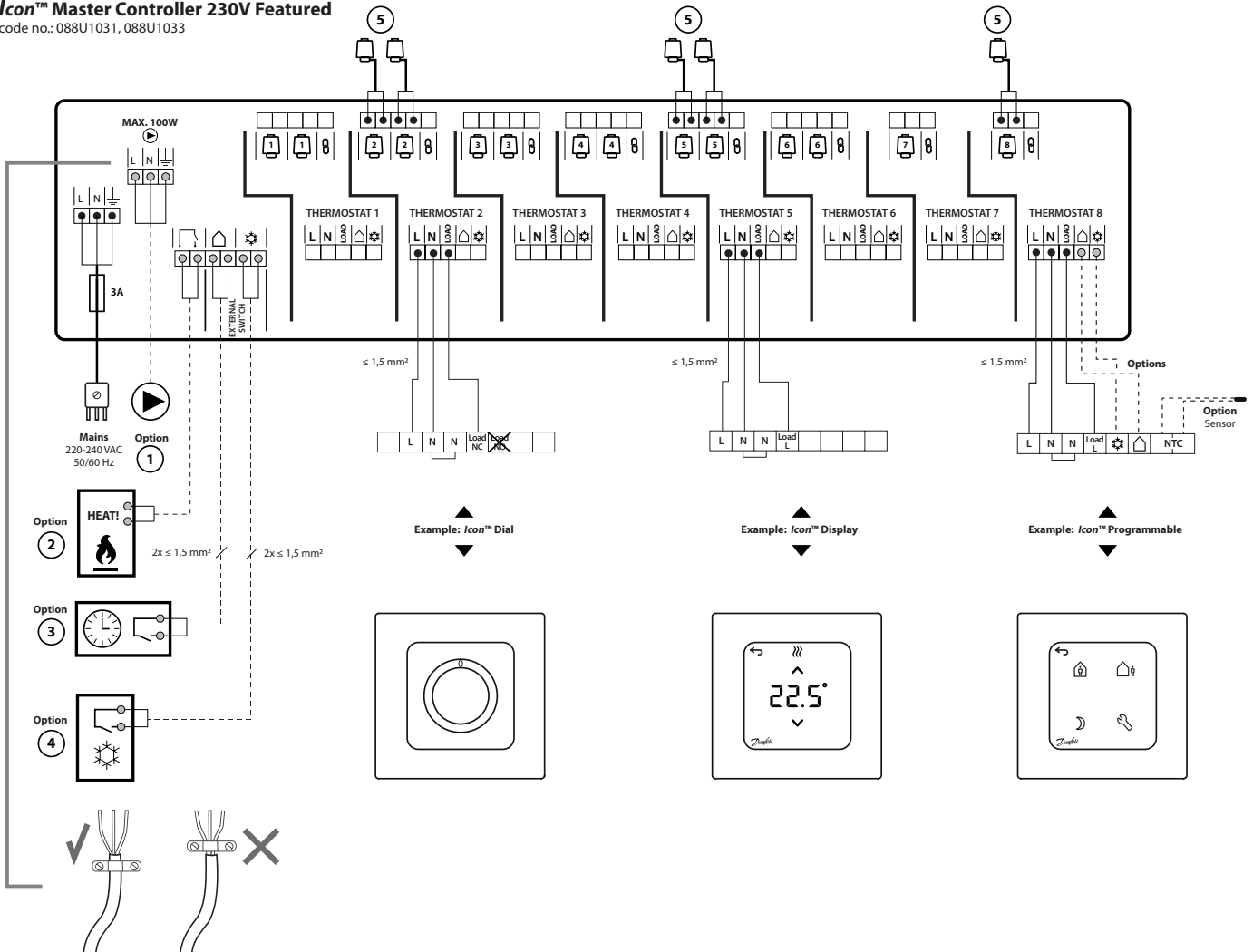
Icon™ Master Controller 230V Basic

code no.: 088U1030, 088U1032

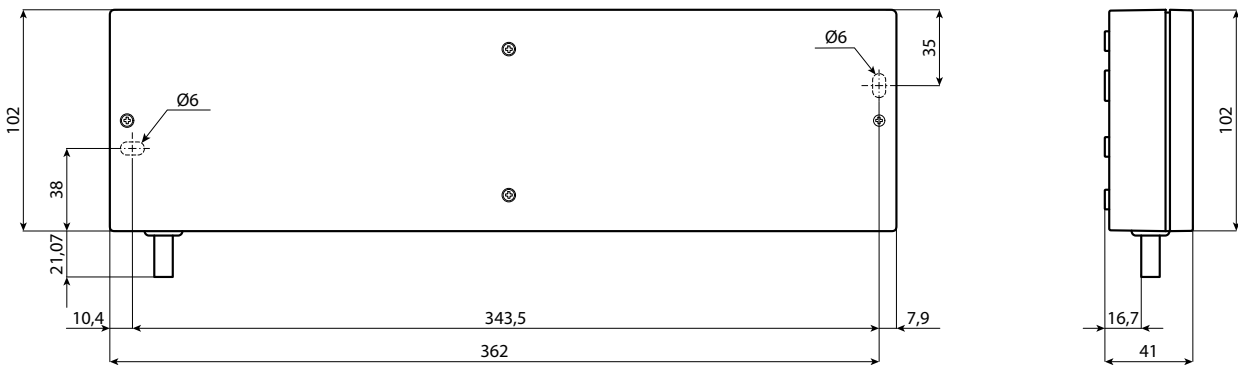


Wiring

Icon™ Master Controller 230V Featured code no.: 088U1031, 088U1033



Drawings



Danfoss A/S

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