

Data Sheet

Danfoss Icon™ 230V Wiring Center

Description



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

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

The Wiring Center also supports away and cooling mode which can be controlled by a 230 V 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. Mounting can be done by using screws.

Ordering

Product	Type of plug	Code number
Danfoss Icon™ 230V Wiring Center, 8 ch.	F	088U1040
Danfoss Icon™ 230V Wiring Center, 8 ch., CH	J	088U1041
Danfoss Icon™ 230V Wiring Center, 8 ch., NP	—	088U1042

Technical data

Max. number of thermostats	8
Max number of actuators	14
Supported actuator types	Normally closed (NC)
Internal fuse	3 A
Conforms with directives	LVD, EMC, RoHS, WEEE
Supply voltage	220-240 V AC
Supply frequency	50/60 Hz
Output voltage, actuators	230 V AC
Ambient temp. range, operation	0 °C to 50 °C
Storage temp. range	–20 °C to +60 °C
Output relay, pump	230 V Max. 100 W
Output relay, boiler	Voltage-free Max. 2 A
Output cooling	230 V when active
Output Setback	230 V when active
Input Cooling	External switch input (230 V rating)
Input setback	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

