

Technical brochure

Programmable controller ACCCFM



Danfoss' range of universal MCX programmable controllers offers the functionality and reliability you need to get the best out of your heating, ventilation, air-conditioning and refrigeration (HVAC/R) equipment. With the MCX range, Danfoss is widening the concept of programmability and applying it to as many environments as possible

ACCCFM is an electronic device to drive AC single-phase electric motor. It's especially dedicated to the linear speed regulation of fan coils. Driven by a thermostat with proportional signal output type 0/10 V or PWM, thanks to ACCCFM it is now possible to carry out a linear speed regulation of the fan.

The thermostat will be connected to ACCCFM by means of two signal wires and so it can be easily placed in any point of the ambient where the fan coil is

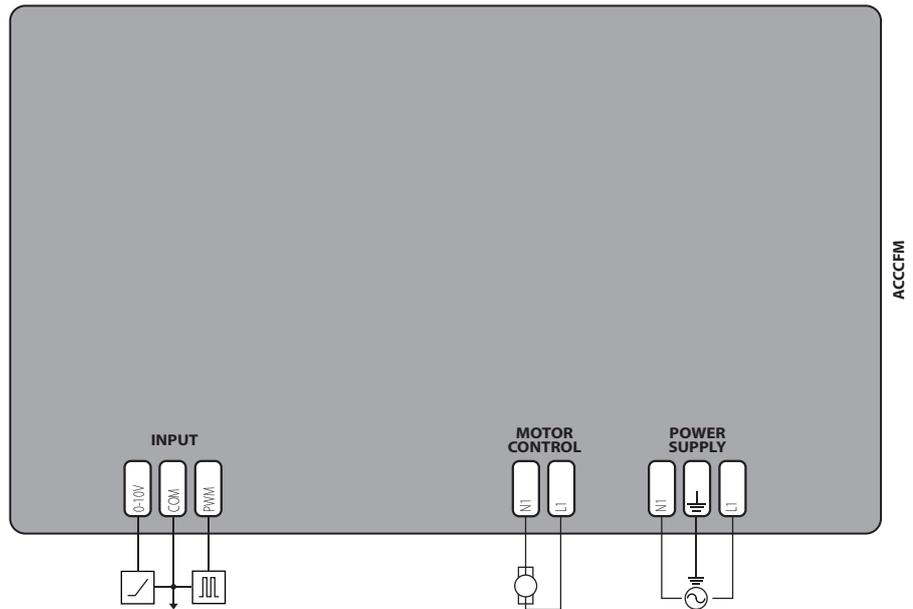
Features ACCCFM

- Power supply 230 Vac, 50 Hz
- Motor control 230 Vac, 0.6A RMS maximum
- Available only without display
- Dimensions 8 DIN modules

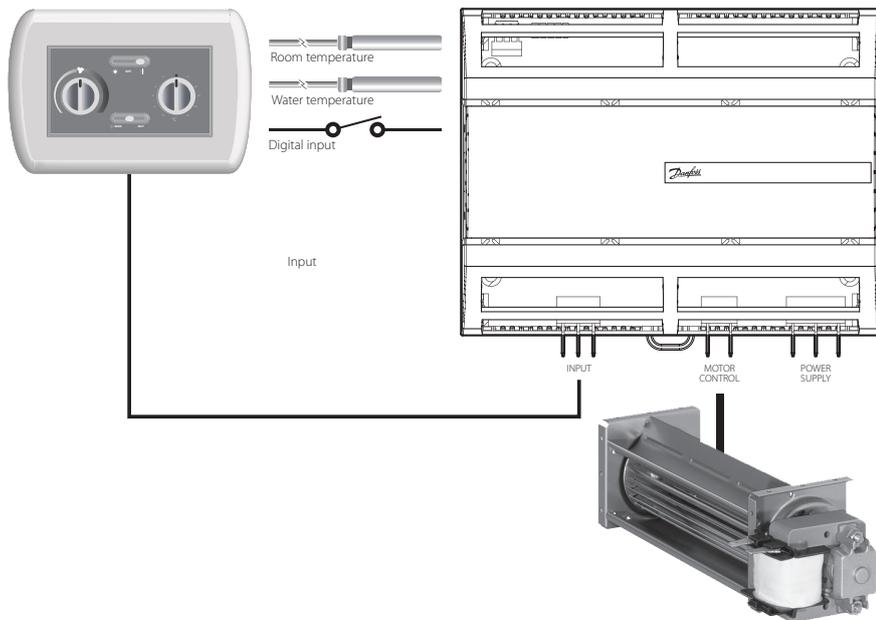
General features

FEATURES	DESCRIPTION
Power supply	230 Vac, 50 Hz
Plastic housing	DIN rail mounting complying with EN 60715
	Self extinguishing V0 according to IEC 60695-11-10 and glowing/hot wire test at 960 °C according to IEC 60695-2-12
Ball test	125 °C according to IEC 60730-1. Leakage current: \geq 250 V according to IEC 60112
Operating conditions	CE: -20T60 / UL: 0T55, 90% RH non-condensing
Storage conditions	-30T80, 90% RH non-condensing
Integration	In Class I and/or II appliances
Index of protection	IP40 only on the front cover
Period of electric stress across insulating parts	Long
Resistance to heat and fire	Category D
Immunity against voltage surges	Category II
Software class and structure	Class A
Approvals	CE compliance: This product is designed to comply with the following EU standards: - Low voltage guideline: 73/23/EEC - Electromagnetic compatibility EMC: 89/336/EEC and with the following norms: <ul style="list-style-type: none"> • EN61000-6-1, EN61000-6-3 (immunity for residential, commercial and light-industrial environments) • EN61000-6-2, EN61000-6-4 (immunity and emission standard for industrial environments) • EN60730 (Automatic electrical controls for household and similar use)

Connection diagram



Connection specification diagram



Connection specification

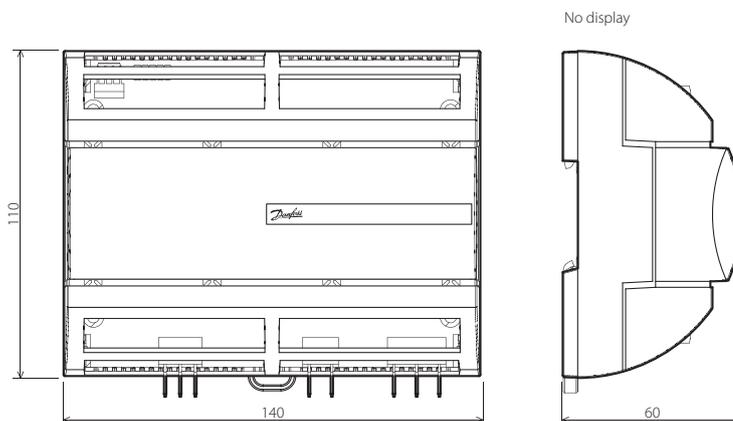
CONNECTORS	NUMBER OF WAY	CONNECTIONS	FEATURES
Input	3	0-10 V, COM, PWM	Input PWM and 0-10 V
Motor control	2	230 Vac	Motor control 230 Vac - 50-60 Hz - 0.6 A
Power supply	3	230 Vac	Power supply 230 Vac - 50-60 Hz

ACCCFM

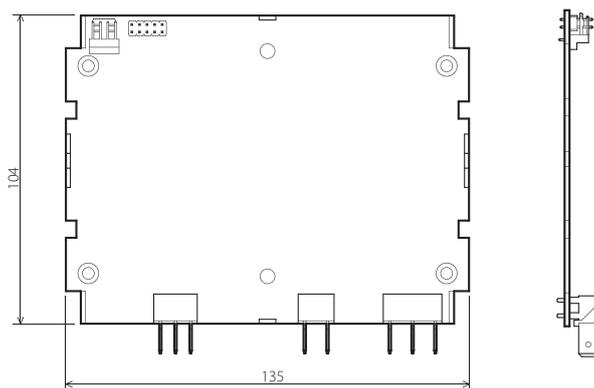
Connection

CONNECTORS	TYPE	DIMENSIONS
Input connector	3 way tab male 6.3 x 0.8 mm DIN-46242 type	- pitch 5.08 mm
Motor control connector	2 way tab male 6.3 x 0.8 mm DIN-46242 type	- pitch 7.62 mm
Power supply connector	3 way tab male 6.3 x 0.8 mm DIN-46242 type	- pitch 7.62 mm

Dimensions



Dimensions no plastic enclosure



Ordering

DESCRIPTION	CODE NR.
ACCCFM, 230V, 0-10V, PWM, NO PLASTIC ENCLOSURE, I	080G0157
ACCCFM, 230V, 0-10V, PWM, I	080G0158

(I): Industrial Pack