

# SFC 230 I 4,2A \* ()

## GENERAL DATA



### FREQUENCY SPEED CONTROLLER

#### MANUFACTURING FEATURES

- Specially designed for speed frequency control in ventilation applications.
- Ultra compact, simple operation and wide range of functions.

\*Dial panel incorporated. Optional EMC filter.

Certifications: CE/UL/CSA/EN/GOST/CCC.

Protection index IP20.

The selection of SFC frequency drive speed controller must be made based on the maximum intensity absorbed by the fan to be regulated. The powers (kW) and the intensity for constant load refer to the normal duty (150% overload for 60 seconds). The intensity for quadratic load admits an overload of 110% during 60s.

SFC 230: Entrance 230V I, exit 230V III

SFC 400: Entrance 400V III, exit 400V III

EMC filter incorporated for models from 47A (included)

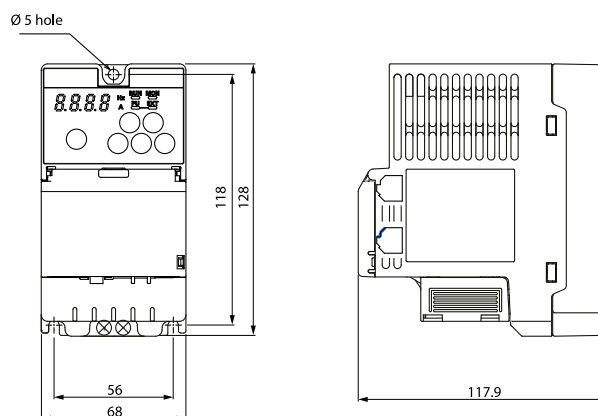
\*Lineal load rated current

\*\*Quadratic load rated current

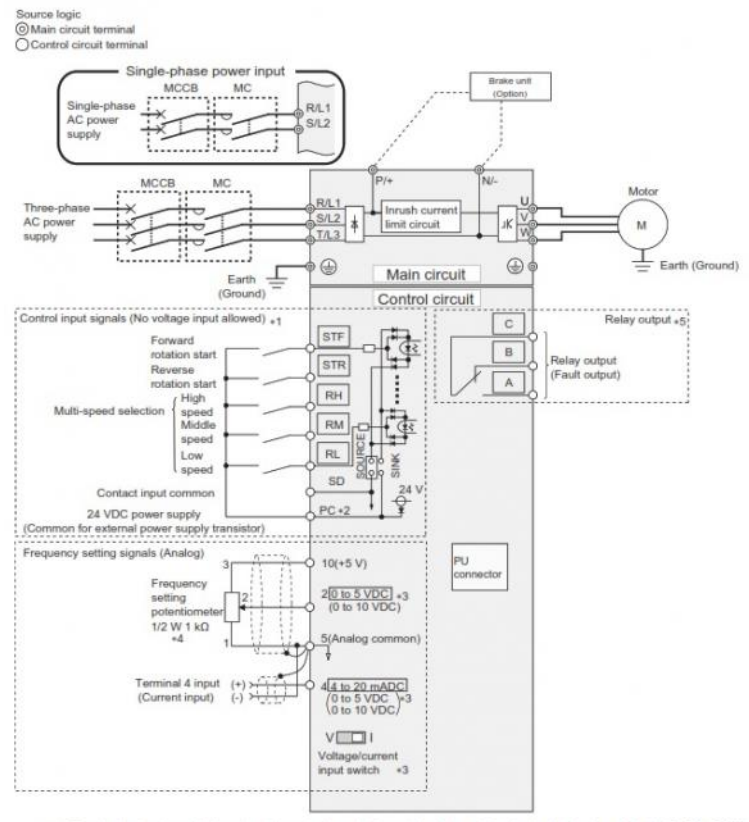
## TECHNICAL DATA

approx. weight	0.60 Kg	I	4.20 A
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## DIMENSIONS



**WIRING DIAGRAM**



- +1 The signal assigned to each of these terminals can be changed to the reset signal, etc. using the input terminal assignment function (Pr.178 to Pr.182).
- +2 To use terminals PC and SD for a 24 VDC power supply, check the wiring for an incorrect short of these terminals.
- +3 Terminal input specifications can be changed by analog input specification switchover (Pr.73, Pr.287). To input voltage via terminal 4, set the voltage/current input switch to "V" position. To input current (4 to 20 mA), set it to "I" position (initial setting).
- +4 It is recommended to use a 2 W 1 kΩ potentiometer when the frequency setting is frequently changed.
- +5 The function of these terminals can be changed with the output terminal assignment (Pr.195).