PREMIUM MODULE

DESCRIPTION

The Premium Module expands an EC motor to be fully configurable and multipurpose. The Premium Module provides an integrated MODBUS interface and enables sensors to be connected directly to the EC fan.

Features

- Quick and easy to install
- Pre-set parameters control the fan's speed in proportion to demand
- Plug in Premium Module expands input/output interface on an EC fan
- Provides MODBUS interface that allows integration into existing MODBUS-RTU networks
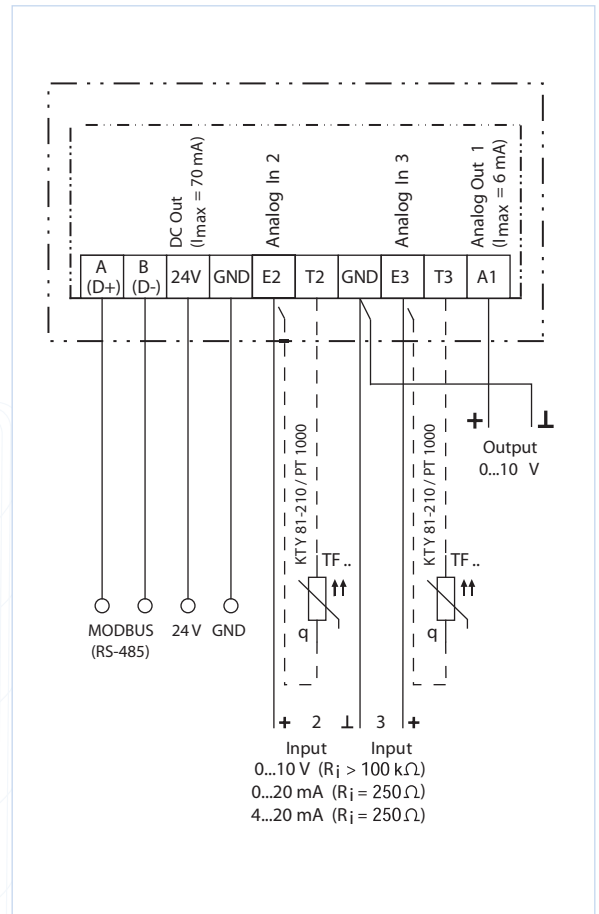- Premium Module is pre-configured to project specifications by Fantech

The following Inputs/outputs can be connected to the AM Premium Module

- 2 x Digital input
- 2 x Analogue Input
- 1 x Analogue output
- 1 x 24V DC output (70mA)
- 1 x 10V DC output (10mA)
- 1 x Relay output (Configured to N.O. or N.C.)
- 1 x MODBUS (RS-485)

TECHNICAL DATA

Model Number	Functional Extension	Configuration
DCV-CU-PREM	Via cable	pre-configured by Fantech

WIRING DIAGRAM

TEMPERATURE CONTROLLER

DESCRIPTION

The temperature controller combined with matching sensors can be used in a range of applications including extraction and supply air systems.

Features

- Quick and easy to install and commission
- Pre-set parameters control the fan's speed in proportion to demand
- EC fans with integrated control can be activated directly
- 24V supply from control unit
- Voltage input (10-24 V DC) for switch over between Set point 1 and Set point 2 (e.g. for day / night, summer / winter)

TECHNICAL DATA

Model Number	Measuring Range	Mount Type	Protection Class	Dimension, mm
DCV-CU-CTG-150AV	-50°C to +150°C	Wall	IP54	114W x 108H x 56D

WIRING DIAGRAM