

Model Name	FAN02 Module	Product Specification	401-73002-SP02
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### 1. Rated/Environmental Conditions

1-1. Power supply	DC12.0V /0.14A
1-2. Power consumption	Normally, 1.68W
1-3. Operating environment	Temperature: 0 - 45°C Humidity: 20 - 80%RH (no condensation)
1-4. Storage environment	Temperature: -20 - 70°C Humidity: 10 - 90%RH (no condensation)
1-5. EMC compliance	IEC61000-4-2 (10kV) IEC61000-4-3 Level2 IEC61000-4-4 Level3 IEC61000-4-6 Level2 VCCI Class A

### 2. Form

2-1. Form and materials/colors	Dimensions : 42mm (Height) × 66mm (Width) × 127mm (Depth) (Excluding protruding sections) Case material : Main unit: SECC Color : Main unit: Green 03
2-2. Mass (Weight)	114g

### 3. Function

3-1. Module removability	Module removability : possible Hot swap : possible
3-2. LED	STATUS LED (on the front panel of Ethernet Switch) Green Light : Normal operating. Orange Blink : Malfunction  STACK LED *In case the STATUS LED (on the front panel of Ethernet Switch) blinks in orange and the FAN module, has some failures, the following is indicated. “P” : Power failure “11” : Fan1 failure “12” : Fan2 failure “13” : Fan1 or Fan2 failure

### 4. Accessories

4-1. Accessories	Installation Guide :1
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### 5. Target Products

5-1. Supported Products	Compatible with the fan interface of our Ethernet Switches as below. •ZEQUO 6700RE PN36243E •ZEQUO 6600RE PN36241E
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## 2. Prohibitions when Using the Product to Guarantee Safety

The manufacturer assumes no responsibility for any problems occurring when the following conditions are not satisfied. Observe the following items when using the product.

- (1) Do not insert, nor drop inside of the openings, foreign objects such as metals or combustible objects. Might result in fires, electrical shocks, or malfunctions.
- (2) Do not store, nor use in areas which might be exposed to liquids such as water, humid areas, areas where there are conductive dusts, corrosive gases, or flammable gases. Might result in fires, electrical shocks, or malfunctions.
- (3) Use after confirming the usage methods and usage conditions for ZEQUO 6700RE (PN36243E), ZEQUO 6600RE (PN36241E), ZEQUO4600RE (PN36241L), ZEQUO 2600RE (PN26241E). Might result in malfunctions.
- (4) After identifying the modules covered for replacing via ZEQUO6700RE (PN36243E), ZEQUO 6600RE (PN36241E), ZEQUO 4600RE(PN36241L), ZEQUO 2600RE (PN26241E) main unit's CLI, and the STACK LED, replace Fan 1, or Fan 2. If replacing is done without identifying them, unintended modules might be replaced.
- (5) If the fan module is going to be replaced with the unit switch operating, remove the fan module, and mount it within 3 minutes. Since the air flow cannot be assured, the internal temperatures might rise.
- (6) When the fan module is not mounted, prevent foreign objects from incurring inside, as well as operators from getting inside of the product unit through the fan slots. Might cause injuries via the mechanical components, etc., or malfunctions due to the incursion of foreign objects, etc.

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- (7) This device is to be periodically serviced in order to maintain its performance. Please choose a product administrator, and have them be sure to implement periodic maintenance. When doing maintenance, check the inspection chart that is posted on our website which has the requisite items listed on it.
- (8) When using this device to design systems, use it after applying appropriate measures such as setting up redundant configurations. Communications failures might be generated due to causes such as malfunctions or misoperations while the device is being used.
- (9) When using this device for applications which require extremely high reliability, be careful to expend all possible means to ensure safety and reliability. This device was not designed nor manufactured with the intention that it be used for applications (in use with railways, aviation, and medical care, etc. whereas the influence rate due to communications failures is extremely high in regard to systems that directly affect systems and human lives) which require extremely high reliability.
- (10) Be careful in regards to environmental restrictions whereby the device can be used. Please isolate the business power lines and communications lines. Isolate distribution lines and other distribution lines, and low current power lines, optical fiber cables, metallic water conduits, and gas conduits, etc. Noise may be generated in the communications lines which might cause communications glitches.
- (11) Do not store nor use the device in the following areas (Store and use as per the environmental conditions in the specifications)
  - Areas where liquids such as water, etc. might be spilled, nor areas where there is high humidity
  - Areas where there is lots of dust, nor areas where there might be electrostatic hazards (on top of carpets, etc.)
  - Areas subjected to direct sunlight
  - Areas prone to condensation, nor high and low temperature areas which do not fulfill the environmental conditions in the specifications
  - Areas where there are strong vibrations or impacts
- (12) Do not store, nor use in areas subjected to direct sunlight, or high temperatures. Might cause the internal temperatures to rise, or fires.
- (13) Do not store, nor use in areas where there are lots of vibrations, or impacts, or in unstable areas. Might cause falling, injuries, or malfunctions.
- (14) Do not put the device into fire. Might cause explosions or fires.

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