



FRQ5-4A+LED V2

Item no. 36229

Document type: **Product card**

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Description

Speed controller with 5-step switch for 3~ fan

- Optimized frequency inverters for the control of one fan motor for frequency converter suitable isolation system and bearings e.g. IE2
- Integrated 5-Step switch
- Step0=0Hz; Step1=10Hz; Step2=20Hz; Step3=30Hz; Step4=40Hz; Step5=50Hz
- Potential-free operation notification
- Enable contact section
- Motor protection by connecting thermostats "TB" or thermistors "TP"
- Interference emission EN 61000-6-3
- Interference immunity EN 61000-6-2
- Parallel operation of several motors is not allowed
- Max. length of controller(poti) cable 100m
- Max. length of motor cable 10m (screened)
- Please note: Not suitable for external rotor motors

When operating with Explosion proof fans the FRQ has to be placed outside the EX zone!



Technical parameters

Nominal data		
Voltage range	208-480	V
Phase	3	~
Frequency	50	Hz
Max. current	4	A
Permitted max. ambient temperature	40	°C
Permitted relative humidity, non condensating	0-85	%RH
Enclosure class	IP54	
Weight	2,4	kg
Default group		
Recommended fuse, unit	10	A

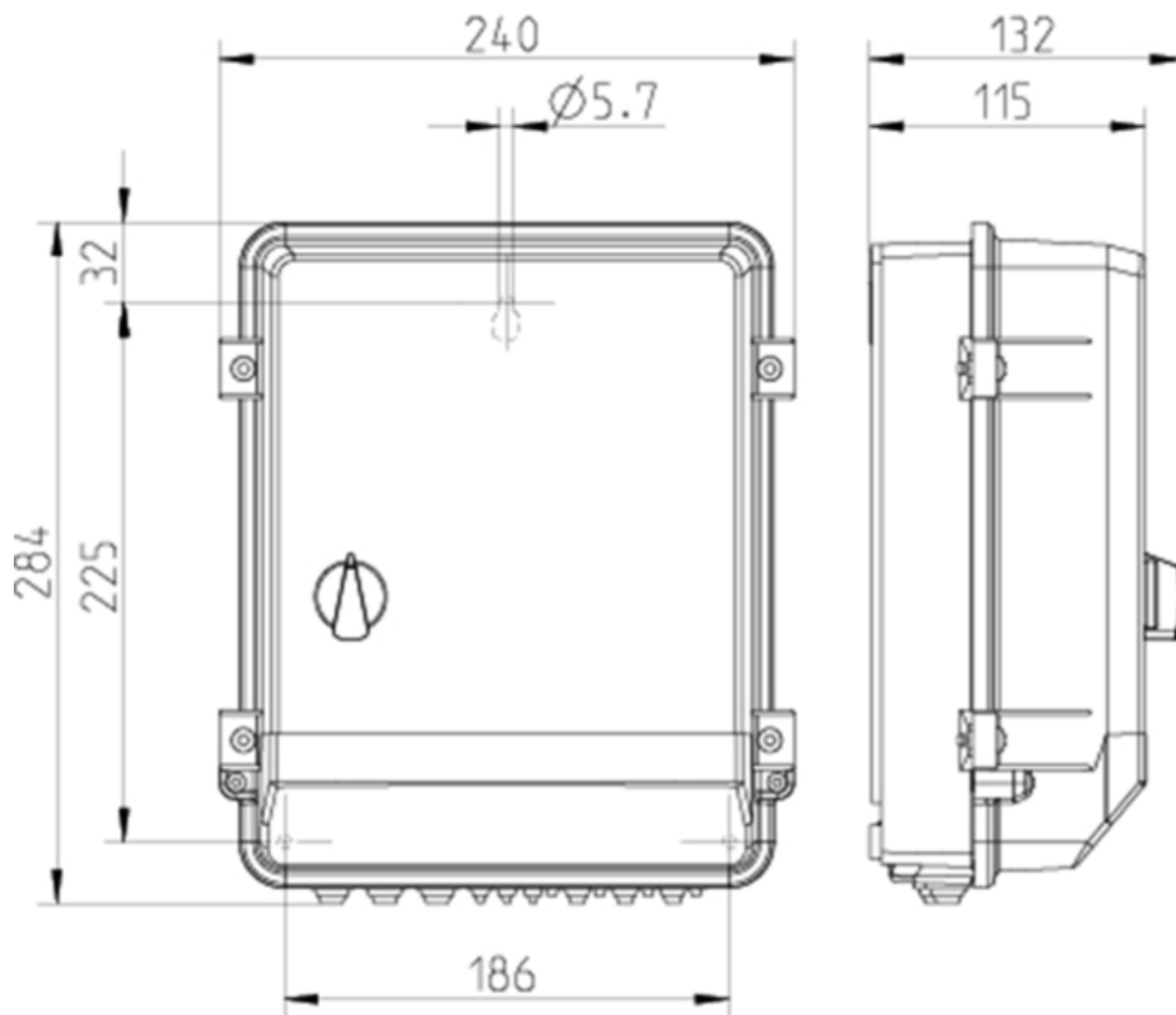
Get In Touch

 **Call:** [0845 6880112](tel:08456880112)
 **Email:** info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH

Dimensions




Accessories

Electric accessories

[REV-5POL/05 incl. EMC KIT \(34549\)](#)

Documentation

 [IMO FRQ5-4A_10A_16A V2_EN.pdf \(707,91kB\)](#)

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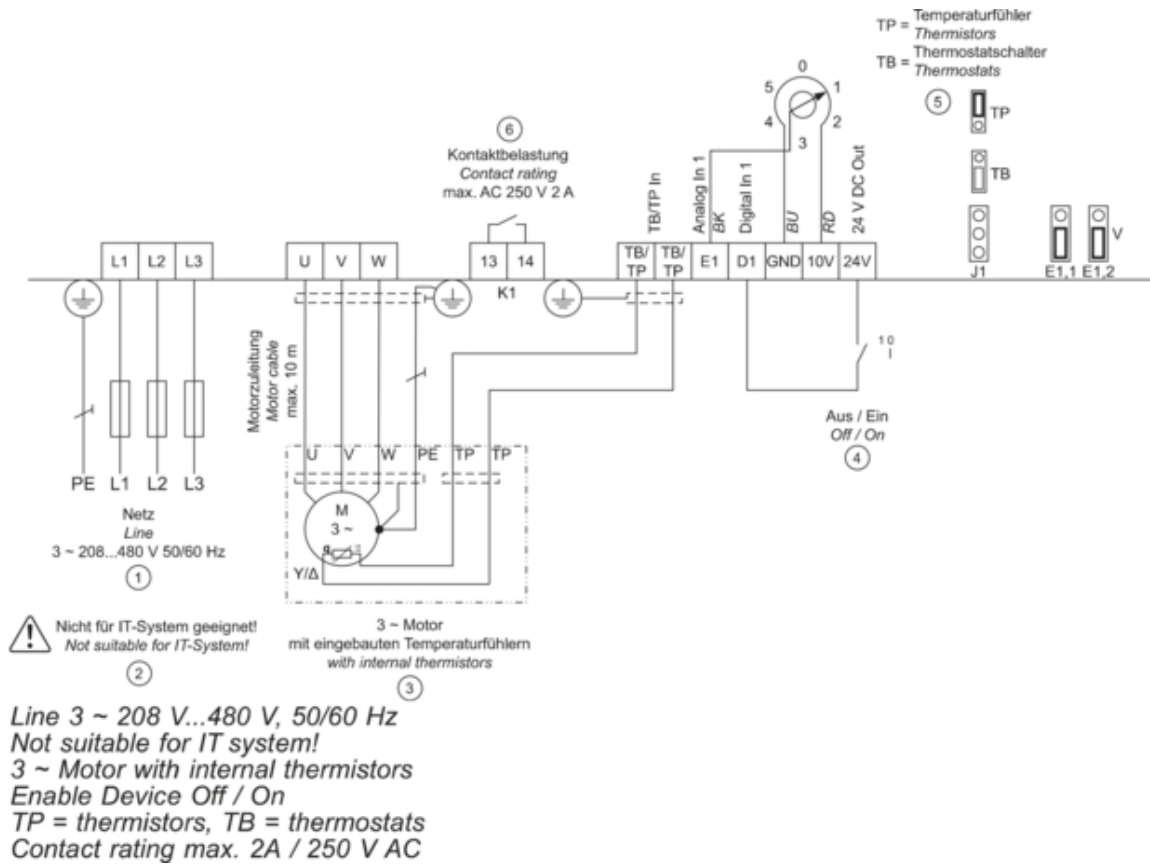


Email: info@adremi.co.uk

Our Address

Puravent, Adremi Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH

Wiring



Specification text

Frequency inverter for the control of one fan motor with frequency converter suitable isolation system and bearings e.g. IE2. Fan speed preset via integrated 5-step switch.

Step0=0Hz; Step1=10Hz; Step2=20Hz; Step3=30Hz; Step4=40Hz; Step5=50Hz

Enable contact section.

Potential-free operation notification.

Motor protection by thermal contact, PTC.

Interference emission EN 61000-6-3,

Interference immunity EN 61000-6-2.

Parallel operation of several motors is not allowed. Max. cable length external potentiometer 100m. Max. length of motor cable 10m (screened).

Caution: Not suitable for external rotor motors!

When operating with Explosion proof fans the FRQ has to be placed outside the EX zone!

Technical data:

Voltage: 208...480 V

Phase: 3 ~

Frequency: 50...60 Hz

max. current: 4 A

max. power: 1.5 kW

Recommended fuse: 10 A

Ambient temperature: 40 °C

Permitted rel. humidity, non-condensating: 85 %

Protection grade: 54 IP

Weight: 2.4 kg

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