

FRQ-10A V2

Item no. 36228

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Description

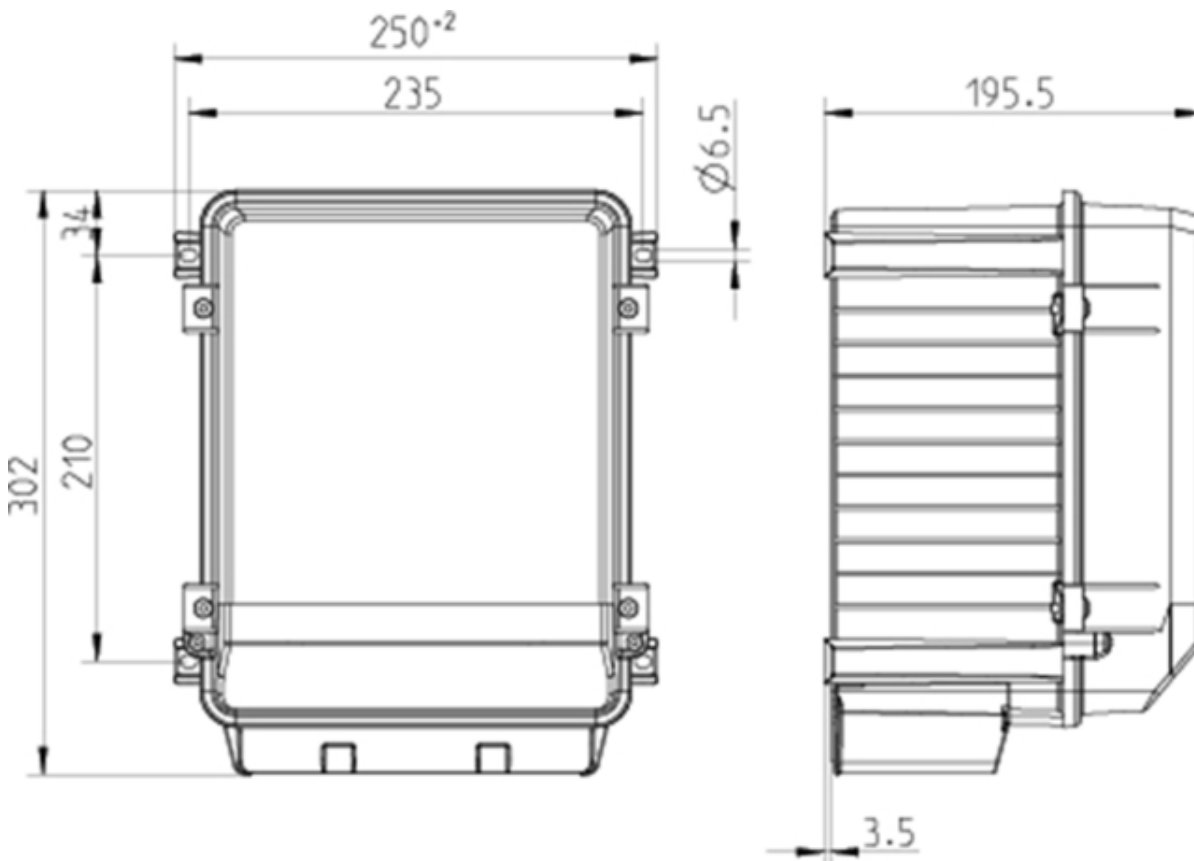
Speed controller with 0-10V Input for 3~ fan

- Optimized frequency inverters for the control of one fan motor for frequency converter suitable isolation system and bearings e.g. IE2
- Analog input for external speed setting(0-10 V, 0-20 mA, PWM)
- 10V DC output for external potentiometer
- 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!



Dimensions



Documentation

 IMO FRQ-4A_10A_16A V2_EN.pdf (589,97kB)

Technical parameters

Other	
Weight	5,1 kg
Default group	
Phase	3 ~
Frequency	50-60 Hz
Max. current	10 A
Recommended fuse	16 A
Permitted max. ambient temperature	40 °C
Enclosure class	IP54

Accessories

Electric accessories

[MTV-1/010 Controller 0..10V+ \(30650\)](#)

[MTP 10, 10K, Speed control \(32731\)](#)

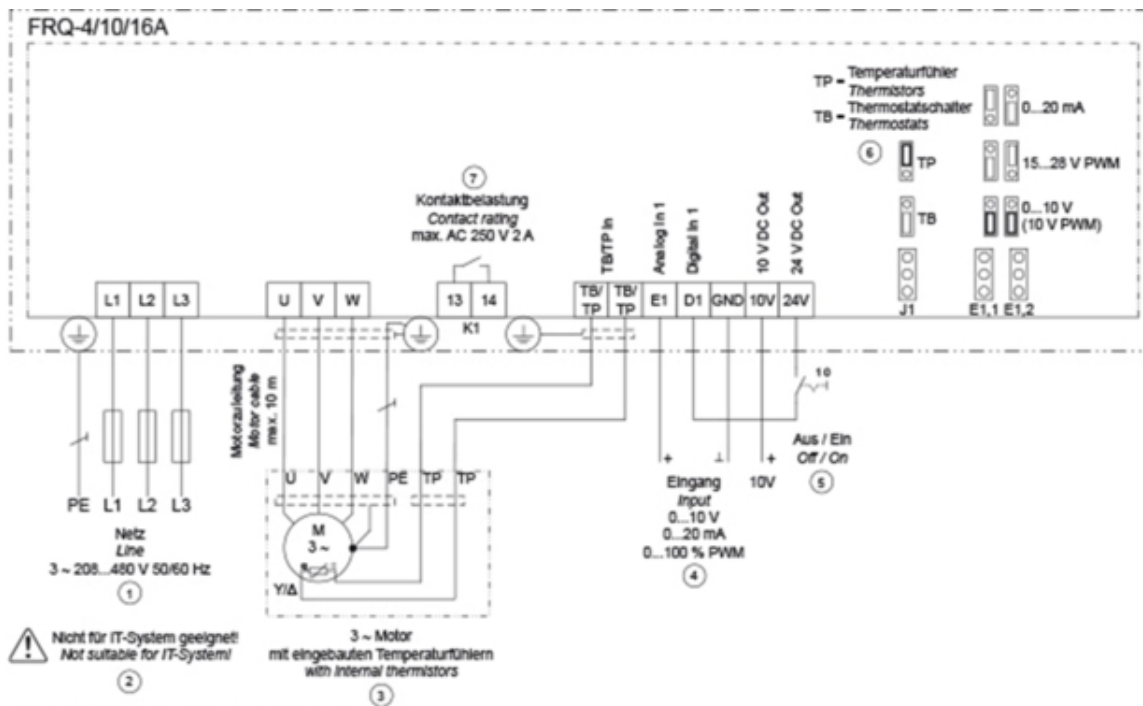
[MTP 20, on/off, 3-step \(310220\)](#)

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

[EC-Selector \(9908\)](#)

[S-5EC/FRQ \(76738\)](#)

Wiring



- 1 Line 3 ~ 208 V...480 V, 50/60 Hz
- 2 Not suitable for IT system!
- 3 3 ~ Motor with internal thermistors
- 4 input: 0...10 V, 0...20 mA, 0...100 % PWM
- 5 Enable Device Off / On
- 6 TP = thermistors, TB = thermostats
- 7 Contact rating max. 2 A / 250 V AC