

FRQ5-10A+LED V2

frequency converter, 208-480V, 4kW, 10A, IP54, 5-Step

Item Number: 36230

Variant: 3~ 50/60Hz

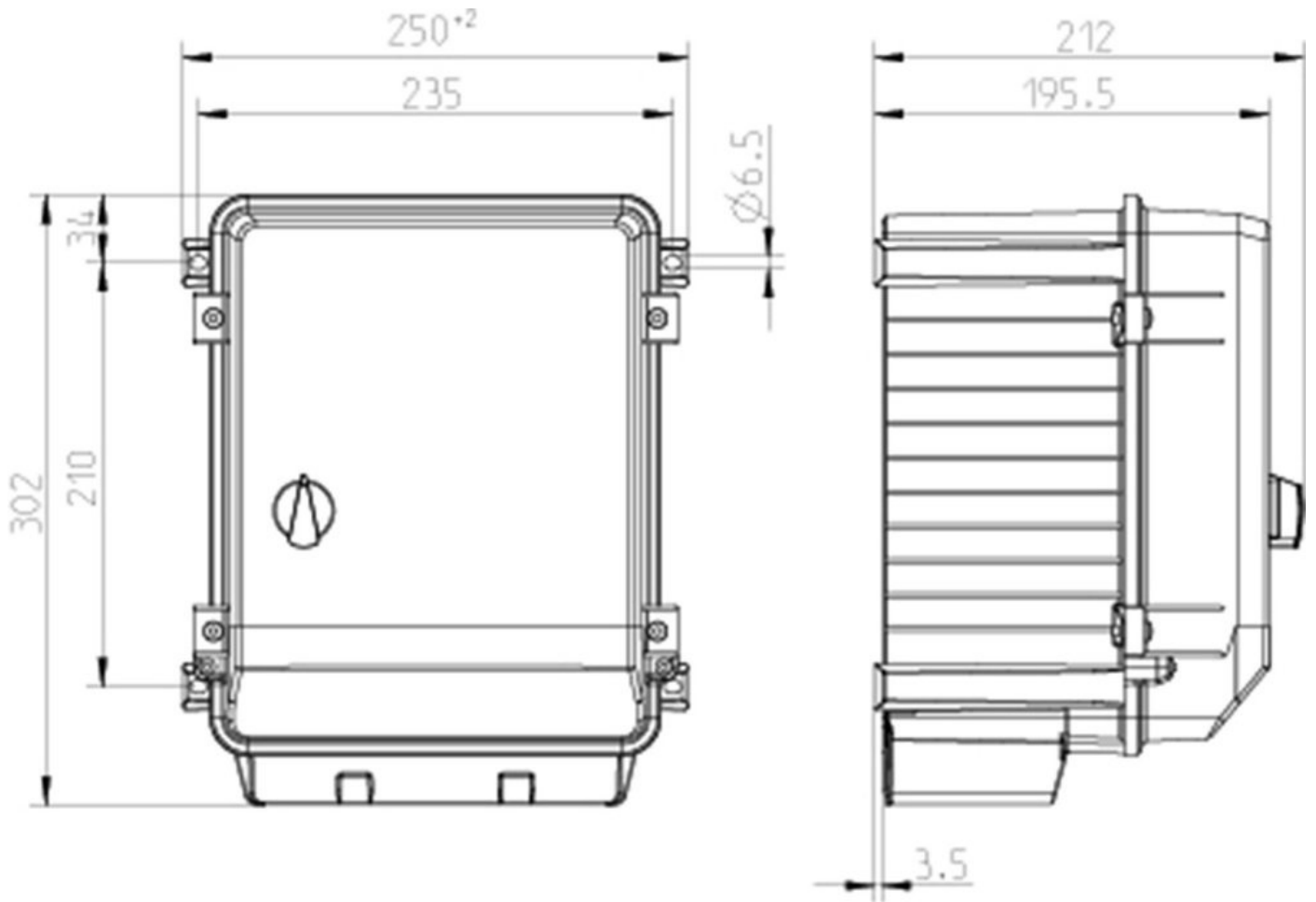
Speed controller with 5-step switch for 3~ fan
 Optimized frequency inverters for the control of one fan motor for frequency converter suitable isolation system and bearings e.g. IE2
 Integrated 5-Step switch
 Step0=0Hz; Step1=10Hz; Step2=20Hz; Step3=30Hz; Step4=40Hz; Step5=50Hz
 Potential-free operation 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!



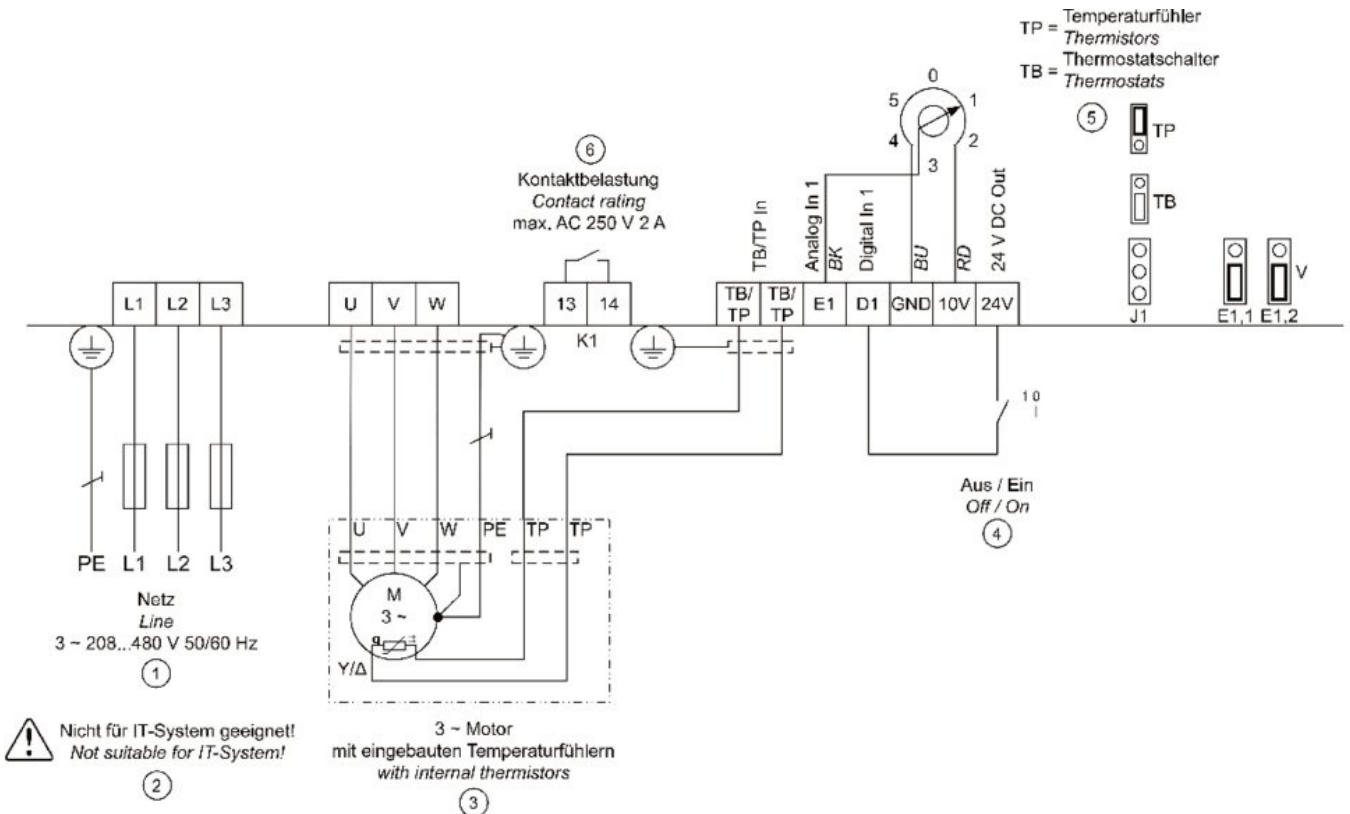
Technical parameters

Nominal data		
Rated voltage	208 to 480	V
Frequency	50; 60	Hz
Phase(s)	3~	
Max current	10	A
Protection/Classification		
Enclosure class	IP54	
Controller and Sensors		
Recommended fuse	16 A	
Permitted ambient temperature	max 40	°C
Dimensions and weights		
Weight	5.1	kg

Dimension



Wiring



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

Accessories

- REV-5POL/05 incl. EMC KIT (34549)

Documents

- IMO FRQ5-4A_10A_16A V2_EN.PDF
- EG-KONFORMITAETSERKLAERUNG FRQ_DE-EN.PDF