

Thermistor motor protection

The U-EK 230E is a thermistor motor protection device which is intended for use in conjunction with a contactor for the protection of the Ex fans in the DKEX, KTEX and TFDX series. This is an electronic unit designed for snap fitting on to a 35 mm instrument rail. Fan motors have six series-connected thermistors, two per phase winding, whose resistance is determined by the motor temperature. When the motor temperature exceeds the permitted limit, the resistance rises sharply and the motor protector is triggered.

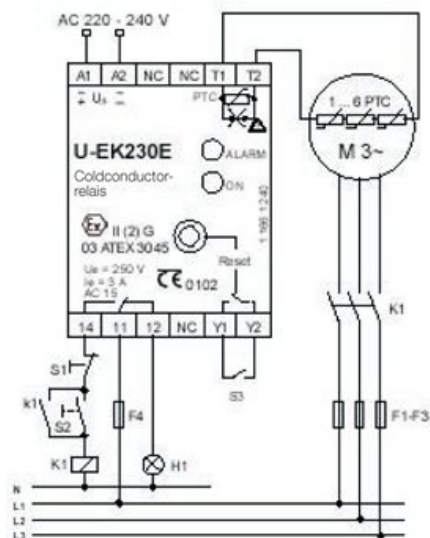
When the motor protector has been triggered, the warning light marked "Störung" ("Fault")...

[Find more details in our online catalogue](#)

Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Protection/Classification	
Enclosure class	IP20
Ambient and duct temperature	
Permitted ambient temperature	-20 to 50 °C
Switching capacity	250V AC / 3A
Dimensions and weights	
Depth	58 mm
Height	116 mm
Width	35 mm
Weight	0.15 kg

Wiring



Accessories

U-EK plastic housing IP65 (75620)

Documents

U-EK230E IMO.pdf

EU-Type Examination certificate U-EK230E.pdf

U-EK230E - EU DECLARATION OF CONFORMITY.PDF