

## TÜS 100/A

PTC thermistor relay

PTC-resistor relays protect motors, transformers, machines and equipment against thermal overload. PTC-resistor relays comply with DIN VDE 0660 Part 303 and are therefore interchangeable. The temperature sensors (PTC) inserted in the motor in combination with the PTC thermistor tripping device together form a fast and reliable protection system in the event of locked rotor (rotor), difficult starting, undervoltage and reduced cooling. Independent of the protective circuit by the PTC thermistor tripping device, the line protection must be carried out in accordance with VDE regulations.



### Attention!

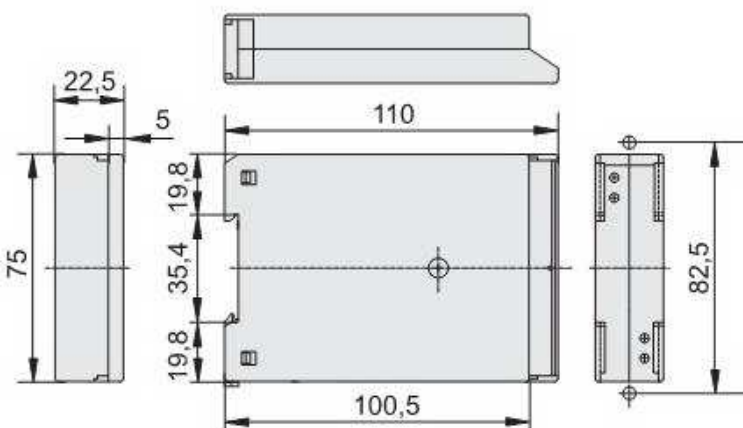
The TÜS 100/A must not be mounted in the Ex-area!

## Technical Data:

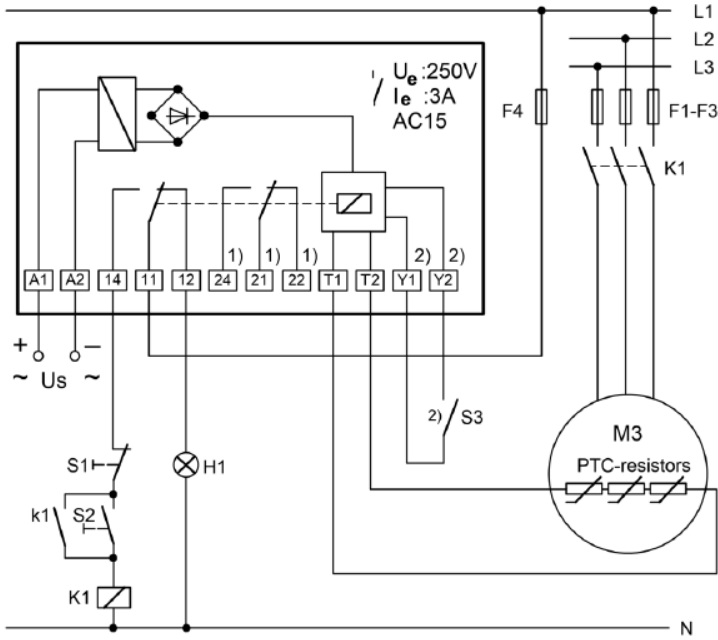
### Information:

Type	Designation	Art.-No.	Temp. range	Mains voltage	max. current	Protection class	Contacts	Dimensions [WxHxD]	Weight [kg]
<b>TÜS 100 A</b>	MS220KA	H80-10001	-20°C - +55°C	220V – 240V	6A / 250V	IP 21	Wechsler 1-fach	75x22,5x110 mm	0,150

### Dimensions:



### Wiring Diagram:



- U<sub>s</sub>** Supply voltage
- S1** Off-switch
- S2** On-switch
- S3<sup>(2)</sup>** Extern reset (not available in the standard system)
- H1** Trip alarm
- F1** Fuse
- F2** Fuse
- F3** Fuse
- F4** Fuse
- K1** Motor contactor
- 1)** Only units with 2xU
- 2)** Only units with MSR

### Scope of Delivery:

- PTC thermistor relay (TÜS 100/A)
- Documentation