

Product Information

► Motor and machine protection

Motor and machine protection:
Protection for windings of electric motors

Varistor overvoltage protection
module in rectangular housing



- Basic information

The varistor is used to protect the windings of electric motors from voltage peaks.

- Application

The varistor is applied where transient voltage peaks might damage the windings of electric AC motors.

- General function

The varistors are connected in parallel to the motor winding. They limit voltage peaks at the terminal of the motor winding.

- Advantages

- Suitable for all multipolar motors in star or delta connection format.
- Compact housing for mounting in the motor terminal block.
- Very fast reaction time.
- High energy consumption, good damping of transients.
- Optional polarity.

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- Technical data

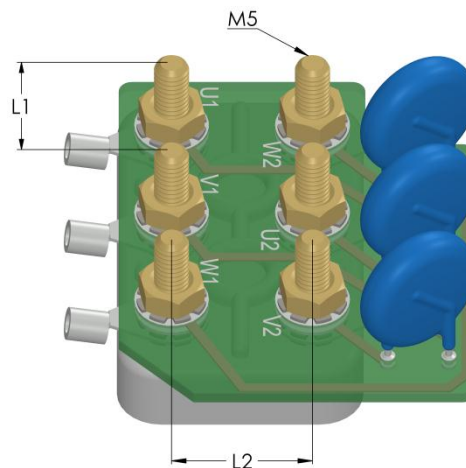
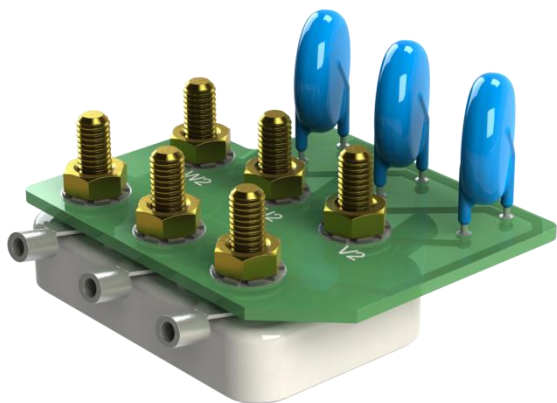
| voltage | motor wattage | housing | | Terminal clamping plate length x width x height: 50 x 40 x 20 mm | |
|-------------------------|---------------|--|---|--|---------------------------|
| | | round housing: diameter x length: 39 x 40 mm with PG-threads | rectangular housing: length x width x height: 25 x 25 x 30 mm, length of the leads according to customers' choice | circuit: star connection | circuit: delta connection |
| 3 x 400V AC | 4 kW | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> PG11, PG13,5 | <input type="checkbox"/> |
| | 7,5 kW | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> PG11, PG13,5 | <input type="checkbox"/> |
| | 10 kW | | | <input type="checkbox"/> PG13,5 | <input type="checkbox"/> |
| | 20 kW | | | <input type="checkbox"/> PG13,5 | <input type="checkbox"/> |
| 3 x 575V AC | 4 kW | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> PG11, PG13,5 | <input type="checkbox"/> |
| | 7,5 kW | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> PG11, PG13,5 | <input type="checkbox"/> |
| | 10 kW | | | <input type="checkbox"/> PG13,5 | <input type="checkbox"/> |
| | 20 kW | | | <input type="checkbox"/> PG13,5 | <input type="checkbox"/> |
| 3 x 660V AC | 4 kW | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> PG13,5 | <input type="checkbox"/> |
| protection to 1000V AC! | 7,5 kW | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> PG13,5 | <input type="checkbox"/> |
| protection to 1000V AC! | 10 kW | | | <input type="checkbox"/> PG13,5 | |
| protection to 1000V AC! | 20 kW | | | <input type="checkbox"/> PG13,5 | |

Varistor overvoltage protection module in round or rectangular housings can be manufactured with cable shoes or with wire ends.

Bolt spacing on the clamping plate:

Alternative 1: L1=10 mm, L2=15 mm

Alternative 2: L1=16,5 mm, L2=16,5 mm



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Responsibility:

No responsibility will be accepted for thermistors which have not been installed and tested according to the relevant standards as previously listed in our data sheet.

Due to the ongoing research and development program, product specification may be subject to change, at the manufacturers discretion.

For further advice and information contact: