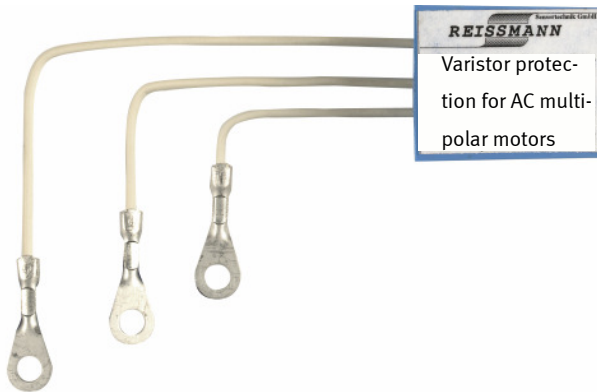


▶ motor and machine protection

Varistor 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.

motor and machine protection

Varistor protection:
protection for windings of electric motors

Technical data:

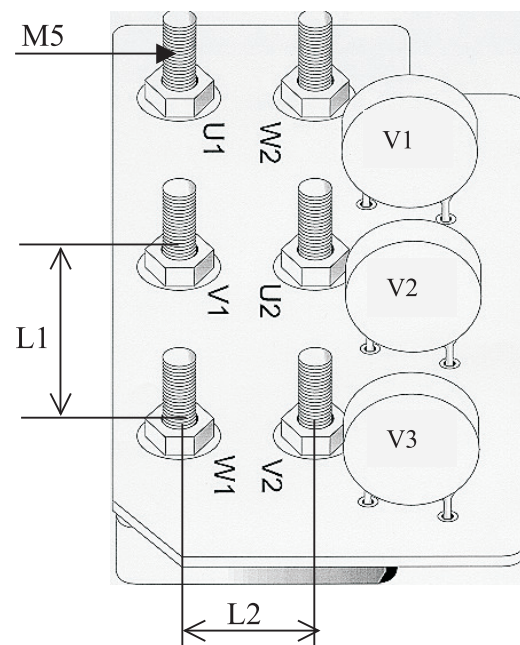
voltage	motor wattage	housing		circuit:	
		length x width x height: 50 x 40 x 20 mm	round housing: diameter x length: 39 x 40 mm with PG-threads circuit: delta connection	rectangular housing: length x width x height: 25 x 25 x 30 mm, length of the leads according to customers' choice circuit: delta connection	star connection
				PG-thread size: optional: PG16 or M20x1.5 mm	
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"/>
	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	<input type="checkbox"/>
protection to 1000V AC!	20 kW			<input type="checkbox"/> PG13,5	<input type="checkbox"/>

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



Further advice and information always available: