



## Power Quality Solutions

### Discharge resistor EW-22

**Series/Type:** EW-22  
**Ordering code:** B44066T0022E400  
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Version: 3

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### Characteristics

- Discharge resistor for PFC capacitors in dynamic PFC-systems
- Replacement of standard resistors to decrease the discharge time
- At least 1 piece per capacitor required

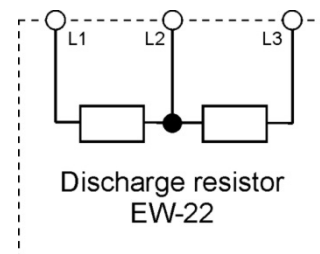


### Technical data and specifications

Dimensions	90 x 50 x 100 mm (w x d x h)
Weight	Approx. 0.3 kg
Design	For mounting on heat sink/fitting panel
Connection	Screw terminal, ready for 3-phase connection to the capacitor
Nominal diameter of connection cables	2.5 mm <sup>2</sup>
Maximum diameter of connection cables	4 mm <sup>2</sup>
Dimensions of mounting holes	65 x 80 mm
Diameter of mounting holes	5 mm
Rated resistance	Type WH 50: 2 x 22 kΩ / 5%
Rated voltage	Max. 1250 V <sub>eff</sub>
Insulation	3000 V AC
Rated power	50 W – with mounting on thyristor heat sink 300 x 300 x 1.5 mm
Electrical strength	3 kV AC
Operation mode	Continuous operation
Maximum ambient temperature at nominal load	-55 ... 80 °C

### Mounting and connection

- For direct mounting on mounting plate
- Direction of mounting: vertical
- For best cooling, mounting on a metal plate is recommended
- Connection via 3-pole terminal



\* internal circuit of EW-22

### Note

For detailed information about PFC capacitors and cautions, refer to the latest version of EPCOS PFC Product Profile.

Important: Please note that the „General Safety Recommendations for Power Capacitors“ by ZVEI (German Electrical and Electronic Manufacturers' Association (ZVEI) have to be observed in addition to the caution guidelines stated in the data sheet (Internet: [www.epcos.com/pfc](http://www.epcos.com/pfc)).

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