



# Film Capacitors – Power Factor Correction

## Key Components

<b>Series/Type:</b>	<b>Discharge resistor EW22</b>
<b>Ordering code:</b>	<b>B44066T0022E400</b>
<b>Date:</b>	January 2010
<b>Version:</b>	2

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**Characteristics**

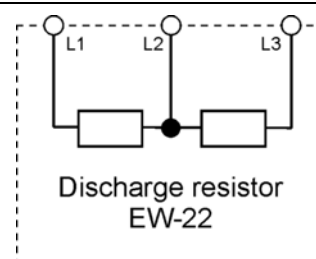
- Discharge resistor for PFC capacitors in dynamic PFC-systems
- Replacement of standard resistors to decrease the discharge time
- At least 1 piece per capacitor required


**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
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

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