

**EPCOS AG, GERMANY**

EPCOS AG is the legal successor to Siemens Matsushita Components GmbH.

**Discharge reactor ตัวคายประจุไฟฟ้าชนิดขดลวด รุ่น 4EJ9900-0EG**

มาตรฐาน IEC 947-4-1, IEC 947-5-1, VDE 0660

P.20240126

Technical data		Price
<b>Ordering code</b>		<b>B44066E9900L001</b>
<b>Voltage</b>	$V_R$	230 ... 690 V
<b>Frequency</b>	$f$	50 / 60 Hz
<b>Internal configuration</b>		2 windings in V arrangement
<b>Resistance</b>	$R$	7.5 k $\Omega$
<b>Discharge time</b>	$t$	230 V up to 25 kvar < 10 s / up to 50 kvar < 20 s / up to 100 kvar < 40 s 400 ... 525 V up to 25 kvar < 5 s / up to 50 kvar < 10 s / up to 100 kvar < 20 s 525 ... 690 V up to 25 kvar < 3 s / up to 50 kvar < 6 s / up to 100 kvar < 12 s
<b>Power loss</b>	$P_{LOSS}$	< 1.6 W
<b>Free-wheeling current</b>	$I$	< 3.4 mA
<b>Accepted discharge number</b>		1x / minute and 100 kvar
<b>Insulation class</b>	$R_{INS}$	$T_a = +40\text{ }^\circ\text{C/B}$
<b>Cable diameter</b>	$\phi$	0.75 ... 2 x 2.5 mm <sup>2</sup>
<b>Terminals</b>		fixing torque 0.5 Nm
<b>Installation location</b>		indoor
<b>Ambient temperature</b>		-25 ... +55 °C
<b>Cooling</b>		natural
<b>Dimensions</b>	$h \times w \times d$	90 x 46 x 66 mm
<b>Weight</b>		0.5 kg

**5,000****General**

The losses of discharge reactors are substantially lower than those of discharging resistors. They satisfy the requirement for permanently connected discharging device and for a discharge time of a few seconds. Fast discharging allows a fast re-switching in automatic PFC equipment. However, max. 5000 switching operations (according to IEC 60831) should not be exceeded.

**Features and dimensional drawings**

- Fast discharge for fast reconnection of capacitors
- Reduced losses
- Shockproof case for DIN rail mounting

