

**Miniature PCB Relay OJ / OJE**

- 1 pole 8 A, 1NO contact
- Sensitive coil, 200 mW
- 3 kV or 4 kV dielectric strength between coil and contacts
- Miniature size
- RoHS compliant (Directive 2002 / 95 / EC) as per product date code 0424
- WG Version in accordance to IEC60335-1



F0277-B

**Approvals**

VDE REG.-Nr. 6835, **UL** US E82292  
 Technical data of approved types on request

Contact data	LM4	LMH2
Contact configuration		1 NO
Contact set		single contact
Type of interruption		micro disconnection
Rated current		8 A
Rated voltage / max.switching voltage AC		250 VAC
Maximum breaking capacity AC		2000 VA
Contact material	AgCdO	AgSnO <sub>2</sub>
Mechanical endurance		5x10 <sup>6</sup> cycles
Rated frequency of operation with / without load		10 / 600 min <sup>-1</sup>

**Contact ratings**

Type	Load	Cycles
OJ-SS-1..LMH2	8 A, 250 VAC, 70 °C, resistive, VDE EN61810-1	5x10 <sup>4</sup>
OJ-SS-1..LMH2	5 A, 250 VAC, 85 °C, resistive, VDE EN61810-1	1x10 <sup>5</sup>
OJ-SS-1..LMH2	8 A, 250 VAC, 70 °C, resistive, UL 508	5x10 <sup>4</sup>
OJ-SS-1..LMH2	5 A, 250 VAC, 85 °C, resistive, UL 508	1x10 <sup>5</sup>
OJE-SH-1..LMH6	3 A, 230 VAC, 85 °C, resistive, VDE-EN61810-1	2x10 <sup>3</sup>

**Coil data**

Rated coil voltage range DC coil	3 ... 48 VDC
Coil power DC coil	typ. 200 mW
Operative range	2

**Coil versions, DC-coil**

Coil code	Rated voltage VDC	Operate voltage VDC	Release voltage VDC	Coil resistance Ohm	Rated coil power mW
03	3	2.25	0.15	45±10%	200
05	5	3.75	0.25	125±10%	200
06	6	4.5	0.3	180±10%	200
09	9	6.75	0.45	400±10%	203
12	12	9	0.6	720±10%	200
24	24	18	1.2	2800±10%	206

All figures are given for coil without preenergization, at ambient temperature +23°C  
 Other coil voltages on request

