EA series

■ Features

- O General purpose power relay boasting high reliability and achievement.
- O Tab terminals for contact and PCB terminals for coil and contact signal is prepared.
- O It is a relay developed with optimum specification for microwave ovens.
- O Low-profile, low coil power consumption (high sensitivity) relay.

■ Model numbering system

	EA					
Rated coil voltage: Numeric part indication						
	DC (V): 12, 24					
Coil type	D: DC					
Number of contact poles	1: 1 pole					
Shape indication 1	1P: Fixed terminal with signal terminal on PCB side					
	1PR: No signal terminal fixed terminal, with insulation mounting terminal					
Contact configuration	(M): Make contact					
Shape indication 2	-R: Type 1P, with dummy terminal					

■ Safety standards

	Contact rating
UL/cUL	16A 250V AC
VDE	16A 250V AC cos φ=1
Electrical Appliances and Materials Safety Act	Conformable

■ Coil ratings

	Item	Rated current (mA)	Coil resistance (Ω)	Operate vo l tage (V)	Release voltage (V)	Maximum vo l tage (V)	consumption
AC/DC Voltage		(IIIA)	(32)	Ratio to rated vo l tage			(W)
DC	12	41.7	288 90% may	80% max.	5% min.	110%	0.5
	24	20.9	1150				

- Notes: 1. Rated current and coil resistance are values at coil temperature of 20°C, tolerance is ±10%.
 - 2. Operate voltage and release voltage are values at coil temperature of 20°C.
 - 3. Maximum voltage is the maximum value of the allowable voltage fluctuation range of the relay coil operating power supply with the ambient temperature at 20°C.