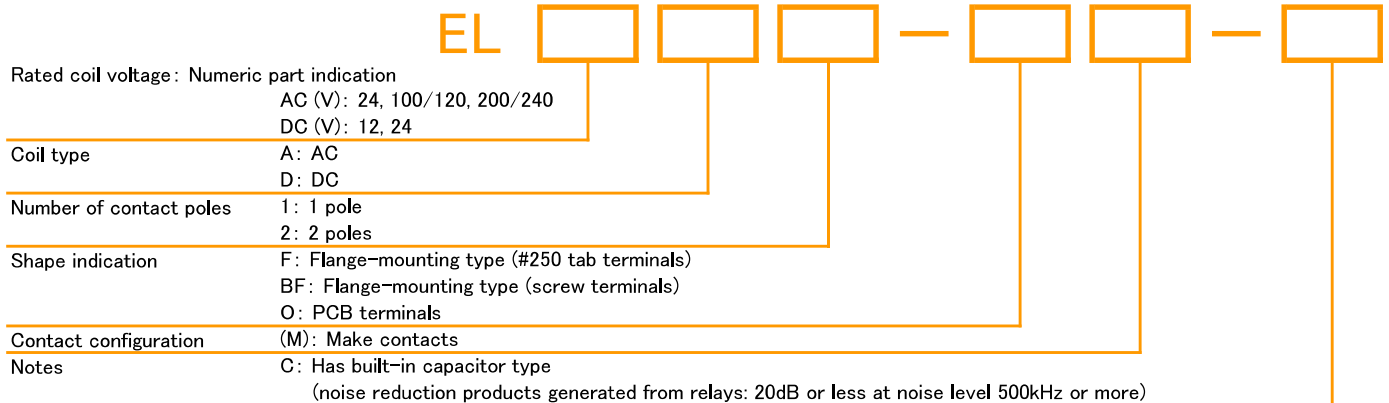


EL series

■ Features

- It has been designed for controlling of high capacity use.
1a contact 30A, 2a contact 25A.
- Quick-connect, screw, and PCB terminals available.
- AC/DC coil is prepared. No contact chattering for momentary voltage drops up to 50% of rated voltage.
- AC-activated coil is wide range specification of AC 100V to 120V or AC 200V to 240V.
- Primary-secondary insulation distance is 8mm and the contact spacing is 3mm or more, it is a safety design with excellent insulation performance
"UL 94V-0" molding material is adopted for all insulating materials.

■ Model numbering system



■ Safety standards

	Contact rating	
	EL1U	EL2U
UL/cUL	30A 277V AC (General use)	25A 277V AC (General use)
TUV	30A (cos φ=1, cos φ=0.4) 250V AC	25A (cos φ=1, cos φ=0.4) 250V AC 20A (cos φ=1) 480V AC
VDE	30A (cos φ=1, cos φ=0.4) 250V AC	25A (cos φ=1, cos φ=0.4) 250V AC
CQC	30A 277V AC	25A 277V AC
Electrical Appliances and Materials Safety Act	Conformable	

■ Coil ratings

AC/DC	Item Voltage	Rated current (mA)	Coil resistance (Ω)	Operate voltage (V)	Release voltage (V)	Maximum voltage (V)	Power consumption
		(AC: 50Hz/60Hz)		Ratio to rated voltage			
AC	24	71.0		80% max.	15% min.	110%	1.7VA to 2.5VA
	100/120	17.0 to 20.4					
	200/240	8.5 to 10.2					
DC	12	160	75	80% max.	10% min.	110%	1.9W
	24	79	303				

- Notes: 1. Rated current and coil resistance are values at coil temperature of 20°C, with tolerance of +15%/–20% for AC rated current. Tolerance is ±10% for DC coil resistance.
- 2. 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.
- 3. In the rated voltage of AC, “/” (for example, 100/120) is a range rating and can be used in this range of voltage. The current values in the table are shown as typical values at 100V and 200V.