

DLS series

■ Features

- General purpose miniature power relay boasting high reliability and achievement.
- PCB type, compact size, easy to use 1a relay.
- We have 0.15W, 0.25W and 0.53W coil which are compatible with low power consumption for TV power supply and audio power supply.
- Conforms to the various safety standards.

■ Model numbering system



Rated coil voltage: Numeric part indication

DC (V): 5, 9, 12, 24

Coil type D: DC

Number of contact poles 1: 1 pole

Shape indication O: PCB terminal

Contact configuration (M): Make contact

Notes 0.15W, 0.25W, 0.53W

: There are 3 varieties of coil power consumption including high sensitivity products.

■ Safety standards

	Contact rating
UL/cUL	5A 250V AC 5A 30V DC TV-5 120V AC 0.15W TV-8 120V AC 0.25W TV-10 120V AC 0.53W
SEMKO	8/60A, 5/100A, 3/120A, 250V AC 0.15W / 0.25W 8/135A, 10/80A 250V AC 0.53W
Electrical Appliances and Materials Safety Act	Conformable

■ Coil ratings

Item	Voltage	Power consumption High sensitivity 0.15W		Power consumption High sensitivity 0.25W		Power consumption Standard 0.53W		Operate voltage (V)	Release voltage (V)	Maximum voltage (V)
		Rated current (mA)	Coil resistance (Ω)	Rated current (mA)	Coil resistance (Ω)	Rated current (mA)	Coil resistance (Ω)			
DC	5	30	167	50	100	106	47	80% max.	5% min.	110%
	9	16.7	540	27.7	325	60	150			
	12	12.5	960	20.8	576	44	275			
	24	6.25	3840	10.4	2300	22	1100			

- 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.