# **DS** series

# ■ Features

- O General purpose relay boasting high reliability and achievement.
- O PCB type.
- O Small size, easy to use 2-poles relay.
- O Ideal for audio speaker protection etc.
- $\ensuremath{\mathsf{O}}$  Conforms to the various safety standards.

### ■ Model numbering system

	DS				_		
Rated coil voltage: Numer	ic part indication						
	DC (V): 12, 24						
Coil type	D: DC						
Number of contact poles	2: 2 poles						
Shape indication	O: PCB terminals						
Contact configuration	S(M): Cross bar single contacts						

#### Safety standards

	Contact rating
UL/cUL	8A 50V AC 3A 125V AC 3A 30V DC
Electrical Appliances and Materials Safety Act	Conformable

#### Coil ratings

AC/DC		Item	Rated current (mA)	Coil resistance $(\Omega)$	Operate voltage (V)	Release voltage (V)	Maximum voltage (V)	Power consumption	
		Voltage	(IIIA)			(W)			
DC	DC	12	44	275	80% max.	5% min.	110%	0.53	
	טט	24	24 22 1100	oon max.	J/0 IIIIII.	110/0	0.33		

## Notes:

- 1. Rated current and coil resistance are values at coil temperature of 20°C, tolerance is  $\pm 10\%$ .
- 2. Operate voltage and release voltage are values at coil temperature of  $20^{\circ}\text{C}$ .
- 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.

DEC is a professional manufacturer of relays