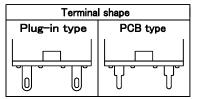
HMS series

■ Features

- O General purpose miniature power relay boasting high reliability and achievement.
- O Terminal shape suitable for the application is standard (plug-in terminal and PCB terminal).
- O Small size 2c, 4c relay.
- O LED and diode built-in type are available upon request.
- O Standard line up with flanged case.



■ Model numbering system

	HMS					
Number of contact poles	2: 2 poles					
	4: 4 poles					
Contact configuration	C: Transfer contacts					
Shape indication	W: Plug-in type					
	P: PCB terminal					
Case indication	Nil: Standard					
	F: Flange case direct mounting type					
Notes	Nil: No accessories (LED, Diode)					
	L: With LED indicator					
	LD: With LED indicator and has built-in diode to absorb release surge					
Coil type	A: AC					
	D: DC					
Rated coil voltage: Nume	ric part indication					
	AC (V): 24, 100, 200					
	DC (V): 24, 100					

■ Safety standards

	Contact rating							
	HMS2U	HMS4U						
UL/cUL	7A 250VAC 7A 30VDC	5A 250VAC 5A 30VDC						
Electrical Appliances and Materials Safety Act	Conformable							

■ Coil ratings

Item		Rated current (mA)		Coil resistance (Ω)	Operate voltage (V)	Release voltage (V)	Maximum voltage (V)	Power - consumption
AC/DC	Voltage	50Hz	60Hz	(36)	Ratio to rated voltage			
AC	24	53.8	46	180	80% max.	30% min.	110%	0.9VA to 1.2VA
	100	11.7	10	3750				
	200	6.2	5.3	12 950				
DC	24	36.9		650	80% max.	10% min.	110%	0.9W
	100	9.1		11 000				

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 $\pm 10\%$ for DC coil resistance.
 - Also, the rated current is the value of the type without LED indicator.
- 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.