

DI series

■ Ratings • Performance

Specifications	Item		Performance
			D11U / D11U-H
Contact specification	Contact configuration		1a
	Contact resistance		30mΩ max. (at DC6V 1A)
	Contact material		Ag alloy
Ratings	Rated load (resistive load)		AC250V 20A
	Max. switching capacity (resistive load)		5000VA
	Max. switching voltage		AC250V
	Max. switching current		23A
Electrical capability	Insulation resistance		100MΩ min. (at DC500V)
	Dielectric strength	Between coil and contact	Standard type: AC2000V 1 min -H type: AC4000V 1 min
		Between open contact	AC1000V 1 min
	Impulse withstand voltage (between coil and contact)		10 000V min. (-H type) (1.2 × 50 μs)
	Operate time (at rated voltage on, at 20°C)		20ms max. (excluding contact bounce time)
	Release time (at rated voltage off, at 20°C)		20ms max. (excluding contact bounce time)
	Mechanical capability	Vibration resistance	Malfunction
Destruction			10 to 55 to 10Hz (double amplitude 1.5mm)
Shock resistance		Malfunction	100m/s ²
		Destruction	1000m/s ²
Life	Mechanical endurance (at 180 times/min)		1 000 000 times min.
	Electrical endurance (at 20 times/min)		Motor load 100 000 times min. (AC: 250V 80/20A) Inverter load 30 000 times min. (AC: 100V 200/20A)
Conditions for operation	Ambient temperature		-20°C to +60°C (no freezing and condensing at low temperature)
	Ambient humidity		5% to 85%RH
Mass			approx. 27g

● Notes: The above is the initial value.

DEC is a professional manufacturer of relays

DEC Daiichi Electric Co., Ltd.

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