

DU series

■ Ratings・Performance

| Specifications | Item | Performance | |
|--------------------------|--|--|--|
| Contact specification | Contact configuration | 1a | |
| | Contact resistance | 30mΩ max. (at DC6V 1A) | |
| | Contact material | Ag alloy | |
| Ratings | Rated load (resistive load) | AC250V 16A | |
| | Max. switching capacity (resistive load) | 4000VA | |
| | Max. switching voltage | AC250V | |
| | Max. switching current | 16A | |
| Electrical capability | Insulation resistance | 100MΩ min. (at DC500V) | |
| | Dielectric strength | Between coil and contact | AC4000V 1 min |
| | | Between open contact | AC1500V 1 min |
| | Impulse withstand voltage (between coil and contact) | 10 000V min. (1.2 × 50 μs) | |
| | Operate time (at rated voltage on, at 20°C) | 15ms max. (excluding contact bounce time) | |
| | Release time (at rated voltage off, at 20°C) | 5ms max. (excluding contact bounce time) | |
| Mechanical capability | Vibration resistance | Malfunction | 10 to 55 to 10 Hz (double amplitude 1.5mm) |
| | | Destruction | 10 to 55 to 10 Hz (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) | 100 000 times min. (at rated load) | |
| Conditions for operation | Ambient temperature | -25°C to +70°C (no freezing and condensing at low temperature) | |
| | Ambient humidity | 5% to 85%RH | |
| Mass | | approx. 16g | |

● Notes: The above is the initial value.

DEC is a professional manufacturer of relays

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