

Product features: IS98-24V-C

Contact form: 1C

Contact material: Silver alloy
(AgSnO₂/AgNi)

Rated load: 14VDC

Max. switching current: 30A

Max. switching voltage: 30VDC

Max. switching power: 420W

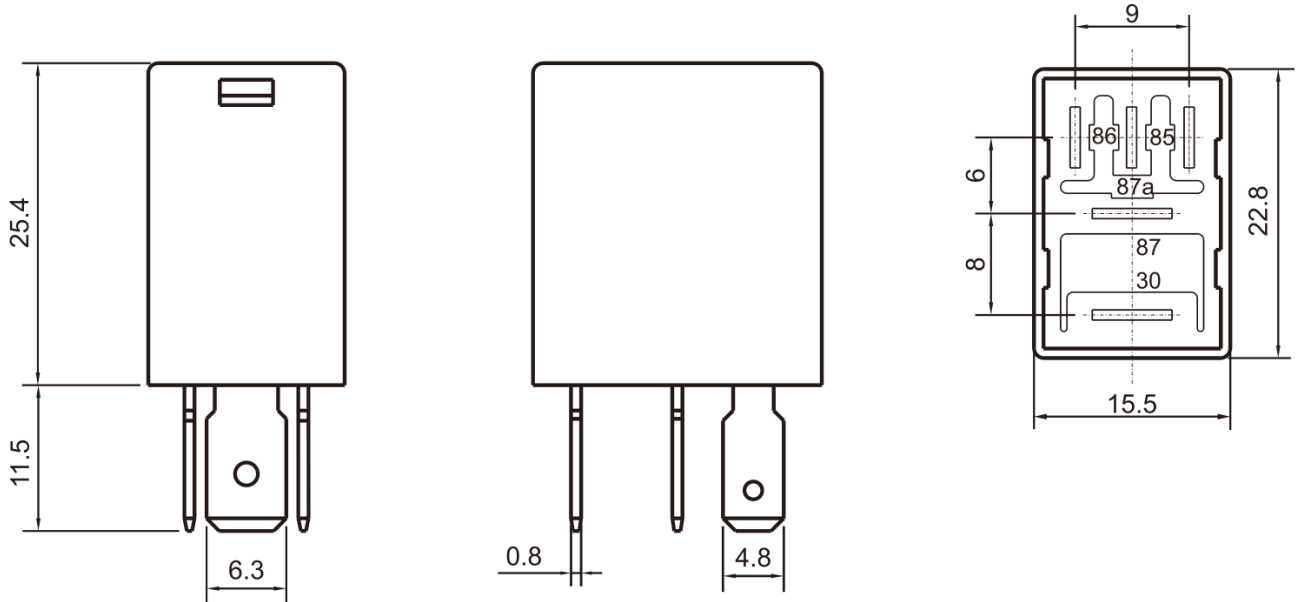

General data

| | |
|--|--|
| Contact resistance | 100 mΩ max |
| Operate time | 10 msec. max |
| Release time | 5 msec. max |
| Dielectric strength: Between coil and contacts Between open contacts | AC 500V, 50/60Hz 1 min AC 500V, 50/60Hz 1 min |
| Humidity: Functional Destructive | 10 ~ 55Hz, 1,5 mm 10 ~ 55Hz, 1,5 mm |
| Shock resistance: Functional Destructive | 100G 1 min 10G min |
| Life expectancy (ops.) Electrical Mechanical | 10,000,000 100,000 |
| Temperature range | -40°C ~ +125°C |
| Weight (g): | 19 |

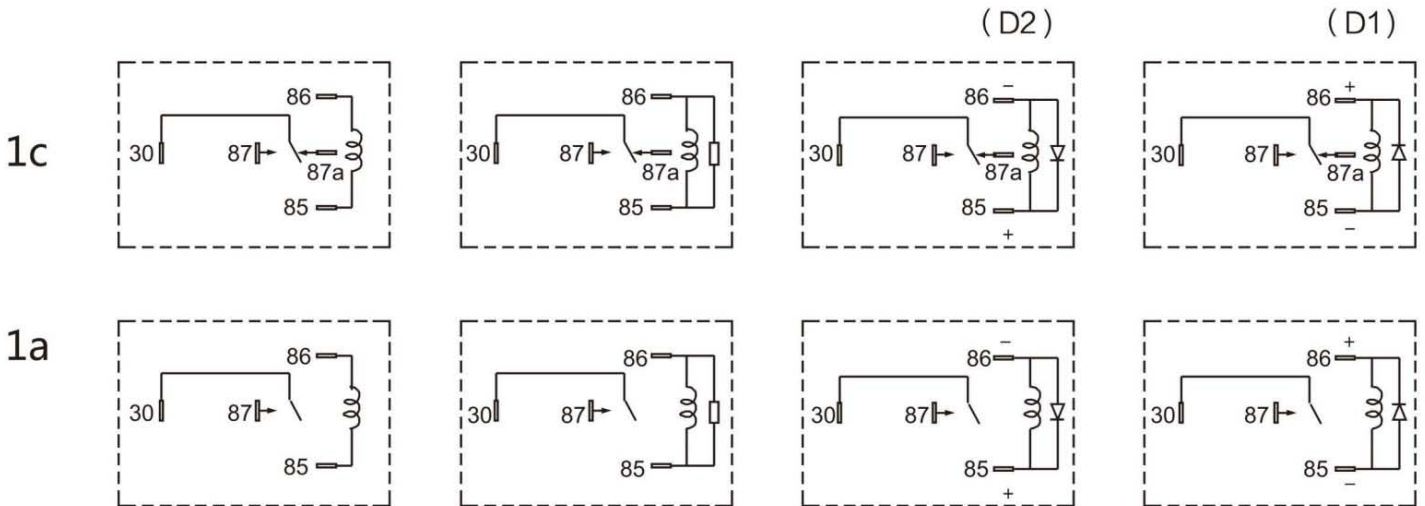
Coil data (at 20°C)

| | |
|---------------------------|----------------------------|
| Nominal voltage | 24 VDC |
| Coil power (W) | 1,5 / 1,7 |
| Rated current (±10% Ω) | 63,16 mA / 72,05 mA |
| Coil resistance (±10% Ω) | 380 |
| Parallel resistance (Ω) | - / 2,700 |
| Equivalent resistance (Ω) | - / 333,1 |
| Operate voltage (max) | 70% rated voltage of 70% |
| Release voltage (min) | 10% rated voltage of 10% |
| Max permissible voltage | 150% rated voltage of 150% |

Outline dimensions, wiring diagram

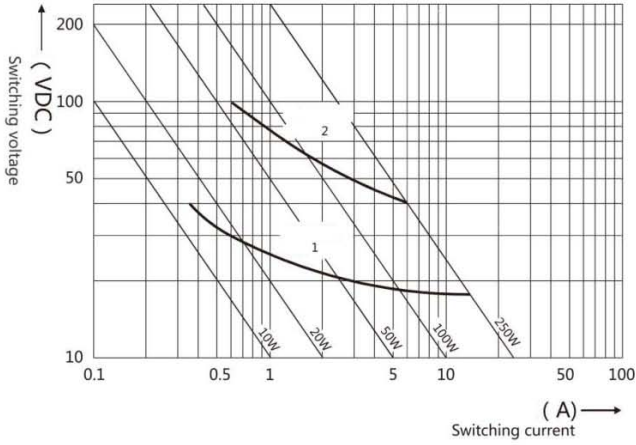


< 1mm : ±0,2mm
 1~ 5mm : ±0,3mm
 > 5mm : ±0,4mm



Reference data

MAX. DC LOAD DISCONNECT CAPACITY



Load limit curve :1
Load limit curve :2

COIL WORKING RANGE

