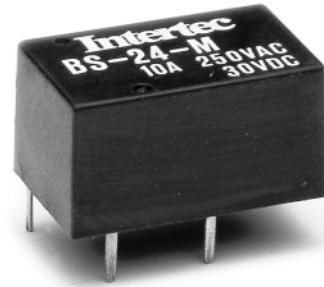




BS Relay



Features

- low profile 10 A / 250 VAC PCB-relay
- 1 Form C type available
- plastic sealed type
- sensitive coil

Contact Data

Contact Arrangement	1 Form A, 1 Form C
Contact Material.....	AgCdO
Contact Rating	7 A 250 VAC / 30 VDC 1 Form C 10 A 250 VAC / 30 VDC 1 Form A
Switching current max.	10 A
Switching voltage max.	250 VAC / 30 VDC
Switching power max.	300 W / 2500 VA
Initial Contact Resistance max.	50 mohms
Min. Switching load.....	6 VDC / 100 mA

General Data

Insulation Resistance min.	100 Mohms (at 500 VDC)
Dielectric Strength	1000 VAC 1 minute (between open contacts) 2000 VAC 1 minute (between coil and contacts)
Surge Strength.....	10000 V (1 × 40 μs)
Operate Time	Max. 10 ms
Release Time	Max. 10 ms
Ambient Temperature.....	-40 to +70°C (no frost) sensitive type
Shock Resistance.....	Misoperation 10 G Endurance 100 G
Vibration Resistance.....	10 to 55 Hz at double amplitude of 1,65 mm
Life Expectancy.....	Mechanical 1 × 10 ⁷ Electrical 1 × 10 ⁵
Weight	Approx. 5,5 gs

Coil Table

Nominal Voltage VDC	Coil Resistance (Ohm) +/- 10% at 20°C	Operate Voltage (VDC) at 20°C (max.)	Release Voltage (VDC) at 20°C (min.)	Nominal Coil Power (mW)
3 V	45	2,1	0,3	200
5 V	125	3,5	0,5	200
6 V	180	4,2	0,6	200
9 V	405	6,3	0,9	200
12 V	720	8,4	1,2	200
24 V	2880	16,8	2,4	200
48 V	9700	33,6	4,8	280

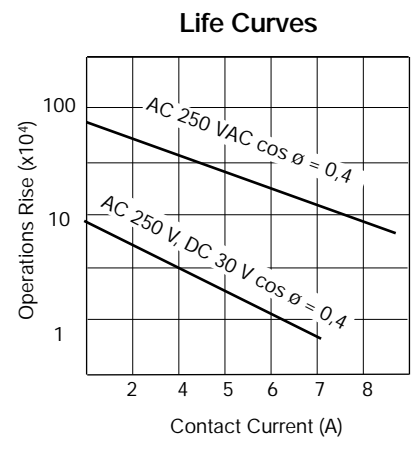
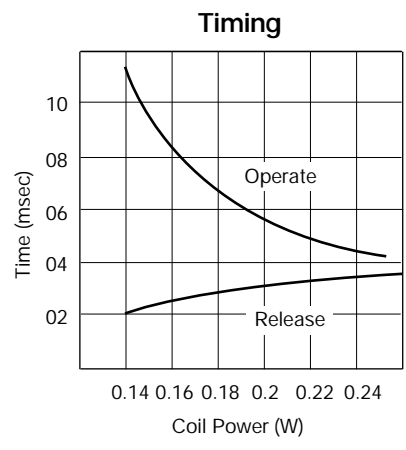
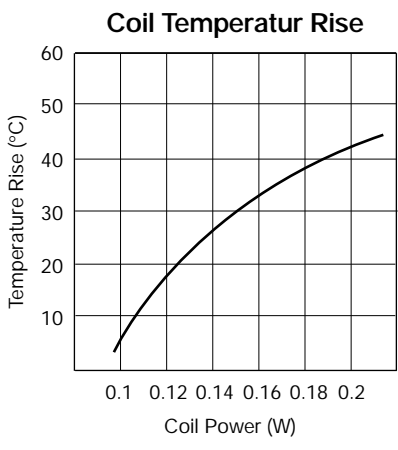


Ordering Information: BS / 012 - M

Nominal Coil Voltage
Refer to coil table

Contact Arrangement
Nil: 1 Form C (SPDT)
M: 1 Form A (SPST-NO)

Useful Curves



Dimensions [in mm] Wiring Diagram [bottom view] PC Board Layout [bottom view]

