BALSEAL

BRW Series intermediate relay

Module Introduction

- The relay and base can be installed and removed without tools, and the operation is simple and fast.

Relay

BRW2D024H

Maker

SRW-S1

It is used for pasting and marking identification to facilitate subsequent search and inspection

Relay Socket

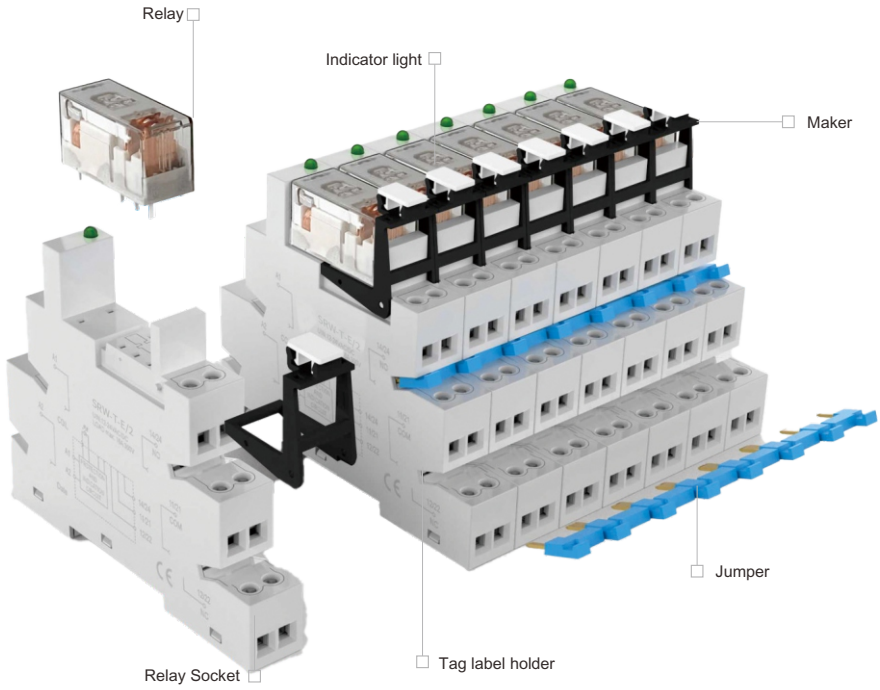
SRW-T-E/2

Indicator light

- Red: AC
- Green: DC

Jumper

- LSW-T-K / Black



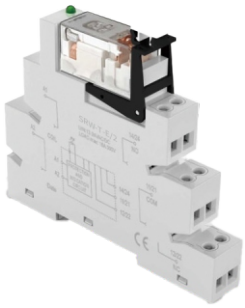
Relay Select Code

BRW	2	D	024	—	TE	*
Series code	Number of contacts 1:1C/O 2:2C/O	control voltage D:VDC A:VAC	control voltage 012: 12V 024: 24V 110: 110V 230: 220V		Function definition TE:Suit type	Function definition reserved:-

Relay Socket

SRW-T-E/2

Type	SRW-T-E/2
Nominal load	
-Current	16A
- Voltage	300V
Dielectric strength	2500V/min
Stripping length	8mm
Wire cross section	
-Single wire	1x2.5mm ^{2}
- Stranded wire	1x1.5mm ^{2}
Ambient temperature	-25 °C~+85 °C

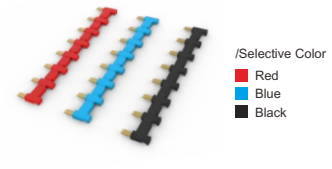


Product references

Type	Input voltage	Applicable relay coil voltage
SRW-T-E/1	(3-24)V DC	(3-24)V DC
SRW-T-E/2	(12-24)V AC/DC	(12-24)V DC
SRW-T-E/3	(48-60)V AC/DC	(48-60)V DC
SRW-T-E/4	(110-125)V AC/DC	110V DC
SRW-T-E/5	(220-240)V AC/DC	110V DC

Accessories

Jumper



specifications:LSW-T-B /LSW-T-R/LSW-T-K

Separator



specifications:LSW-F-04

Maker



specifications:LSW-T-2

Fig.1. Wiring diagram

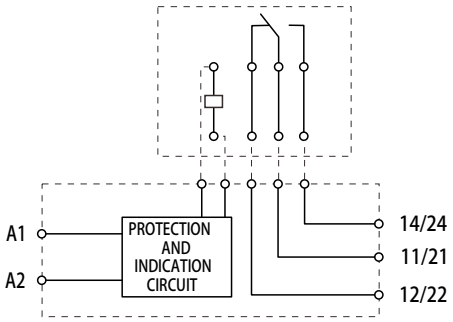
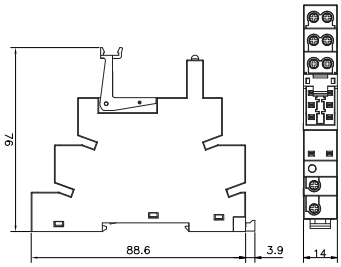


Fig.2. Dimensions (mm)



Standards

Interface Relay-pluggable

BRW1D024H 1P

Technical Data

Type	BRW1D024H
Contact arrangement	1P
Contact material	Ag alloy
Load	
- Impedance	16A 250VAC/30VDC
Max.switching voltage	Max. 277 VAC / 30VDC
Max.switching current	Max. 16A
Allowable capacity	Max. 4000VA / 480W
Allowable load	Min. 5VDC 100mA
Electrical endurance	1x10 ^{5}Second-rate
Mechanical endurance	1x10 ^{7}Second-rate



Characteristics

Operating time(at rated voltage)	≤20ms
Release time	≤10ms
Ambient temperature(at rated voltage)	-40 °C~+85 °C
Environmental humidity	5%~90%RH
Termination	PCB
Packaging method	Plastic sealed
Weight	~13g
Dielectric strength	
- Contacts coil	5000VAC 1Min
- Between open contacts	1000VAC 1Min
Shock resistance	
- Functional	98m/s ^{2}
- Destructive	980m/s ^{2}
Vibration resistance	10~55Hz Double amplitude:1.5mm
Insulation resistance	≥ 1000MΩ(500VDC)

Fig.1. Wiring Diagram

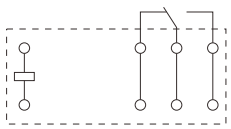


Fig.2. Endurance Curve

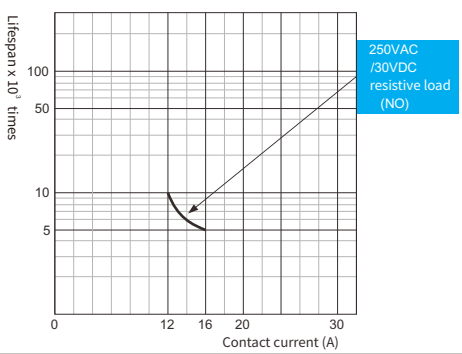
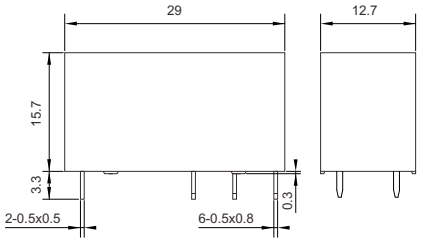
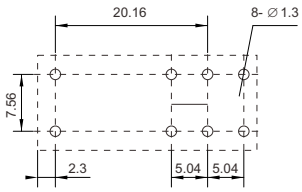


Fig.3. Dimensions





Interface Relay-pluggable

BRW2D024H 2P

Technical Data		
Type		BRW2D024H
Contact arrangement		2P
Contact material		Ag alloy
Load		
- Impedance		8A 250VAC/30VDC
Max.switching	voltage	Max. 277 VAC / 30VDC
Max.switching	current	Max. 12A
Allowable capacity		Max. 2000VA/240W
Allowable load		Min. 5VDC 100mA
Electrical endurance		1x10 ^{5}Second-rate
Mechanical endurance		1x10 ^{7}Second-rate

Characteristics		
Operating time(at rated voltage)		≤20ms
Release time		≤10ms
Ambient temperature(at	rated voltage)	-40 ˚C~+85 ˚C
Environmental	humidity	5%~90%RH
Termination		PCB
Packaging method		Plastic sealed
Weight		~13g
Dielectric strength		
-Contacts coil		5000VAC 1Min
-Between open contacts		1000VAC 1Min
Shock resistance		
- Functional		98m/s ^{2}
-Destructive		980m/s ^{2}
Vibration resistance		10~55Hz double amplitude: 1.5mm
Insulation resistance		≥ 1000MΩ(500VDC)



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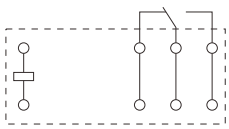

Fig.2. Endurance Curve

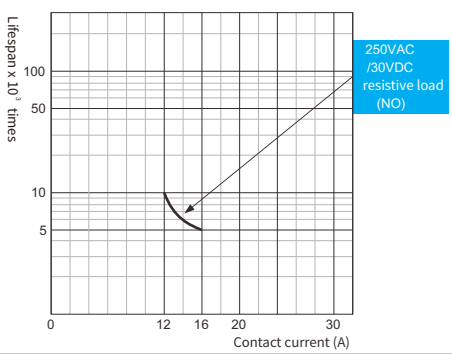

Fig.3. Dimensions

