

Y5

20.5×7.2×15.3


 On pending

Features

- ★ Small size, light weight.
- ★ Switching capacity up to 5A.
- ★ Low coil power consumption 0.2W
- ★ Suitable for household electrical appliance, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.

Contact data

| | |
|----------------------------|--------------------------|
| Contact Arrangement | 1A |
| Initial Contact Resistance | $\leq 100\text{m}\Omega$ |
| Contact Material | Silver Alloy (Gold clad) |
| Contact Rating(Res.Load) | 5A/30VDC, 250VAC |
| Max.Switching Power | 150W 1250VAC |
| Max.switching Voltage | 110VDC 250VAC |
| Max.switching Current | 5A |
| Mechanical life | 10^7 |
| Electrical life | 10^5 |

COIL

| | |
|------------|------|
| Coil power | 0.2W |
|------------|------|

Coil parameter(0.2W)

| Nominal Voltage VDC | Pick-up Voltage VDC | Drop-out Voltage VDC | Coil Current mA | Coil Resistance (at 20°C) Ω |
|---------------------|---------------------|----------------------|-----------------|------------------------------------|
| 3 | 2.25 | 0.3 | 3.9 | $45 \pm 10\%$ |
| 5 | 3.75 | 0.5 | 6.5 | $125 \pm 10\%$ |
| 6 | 4.50 | 0.6 | 7.8 | $180 \pm 10\%$ |
| 9 | 6.75 | 0.9 | 11.7 | $405 \pm 10\%$ |
| 12 | 9.00 | 1.2 | 15.6 | $720 \pm 10\%$ |
| 18 | 13.5 | 1.8 | 23.4 | $1620 \pm 10\%$ |
| 24 | 18.0 | 2.4 | 31.2 | $2880 \pm 10\%$ |

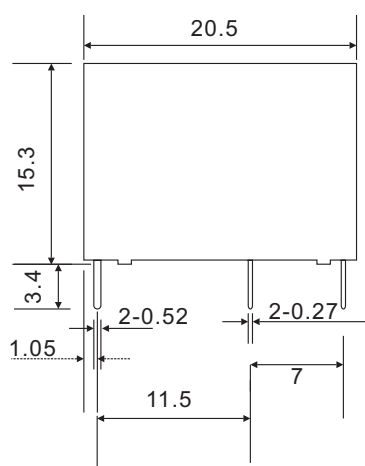
Operation condition

| | |
|--|--|
| Insulation Resistance | 1000M Ω min (at 500VDC) |
| Dielectric Strength: Between coil and Contacts Between open contacts | 50Hz 4000V surge voltage: 7kV 50Hz 750V |
| Operate time | 10ms |
| Release time | 5ms |
| Shock Resistance | Functional: 100m/s ² 11ms Survival: 1000m/s ² 6ms |
| Vibration Resistance | 10~50Hz Functional & Survival double amplitude 1.5mm |
| Temperature rise | 5N |
| Humidity | 20%~85% (at 40°C) |
| Ambient temperature | -30°C~70°C |
| Termination | PCB |
| Construction | sealed |
| Weight | 4g |

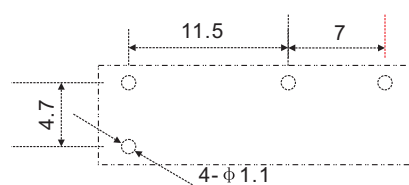
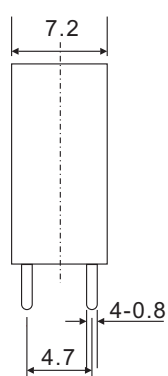
Ordering Information

| | | | | |
|-----------|-----------|-----------|----------|--|
| Y5 | 1A | 12 | D | |
| | | | | 4. Coil power consumption: D:0.2W (Standard Type) |
| | | | | 3. Coil rated voltage :3 , 5 , 6 , 9 , 12 , 24VDC |
| | | | | 2. 1:1 Pole A:Make contact |
| | | | | 1. Part number:Y5 |

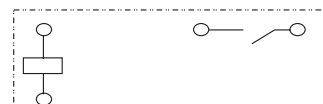
Dimensions (Unit: mm)



Dimensions



Mounting (Bottom views)



Wiring diagram