

Product 2016 production.

The relay electromagnetic low voltage REV14

Also, it may be called: REV-14, 14 REV, REV14, PEB-14, Rev 14, REV14, REV-14 REV 14, rev14, rev-14, the rev 14.

REV14 relay electromagnetic leaking low voltage, high-frequency, coaxial, neutral, bistable, monostable, with one changeover contact is designed for switching high frequency signals in electrical circuits AC frequency **up to 650 MHz**.

Scope: Work in coaxial paths.

Specifications REV-14:

Number of Contacts - 1.

Breaking capacity - **from 100 watts to 1500 watts**.

Switching voltage - **50 mV**.

Frequency:

- Switching - no more than 650 Hz;

- Operating - no more than 5 Hz.

Operating voltage relay REV 14 - from 24.3 V to 34 V.

The number of operating cycles - no more than 50,000.

Current:

- Operating - 120;

- Release - 10 V.

Contact resistance - 0.2 Ohms.

Winding resistance - from 108 ohms to 132 ohms.

Insulation resistance REV14:

- Under normal climatic conditions (coil de-energized) between contacts, between contacts and case - 500 MW;

- Under normal climatic conditions (coil de-energized) between coil and casing - 200 MW;

- The maximum temperature (after winding exposure under operating voltage) between contacts, between contacts and case - 40 MW;

- The maximum temperature (after winding exposure under operating voltage) between the winding and the housing - 20 MW;

- In conditions of high humidity between contacts, between contacts and case - 10 MW;

- In conditions of high humidity between the winding and the housing - 5 MW.

Test AC voltage **relay REV-14** in normal climatic **conditions**:

- Between contacts and housing - 1500;

- Between contacts - 600 V;

- Between the winding and the housing - 500 V.

Test AC voltage in wet conditions:

- Between contacts and housing - 900 V;

- Between contacts - 300 V;

- Between the winding and the housing - 300 V.

Testing an AC voltage at a reduced atmospheric pressure:

- Between contacts and case - 250;

- Between contacts - 200 V;

- Between the winding and the housing - 150 V.

Electric Capacity:

- Between open contacts - no more than 0.2 pF;

- Between contacts and housing - less than 1 pF.

Standing Wave Ratio voltage:

- 500 MHz - not more than 1.25;

- At a frequency of 650 MHz - no more than 1.33.

Attenuation at 650 MHz:

- Open contacts in the circuit - not less than 20 dB;

- In the circuit closed contacts - not more than 1 dB.

Impedance REV 14 - 50 ohms.

continuous coil residence time under tension - no more than 100 hours.

Time:

- Operation - no more than 30 ms;

- Releasing - not more than 10 ms;

- Bounce when released - no more than 10 ms.

Contact material - Sr999.

Supply current - constant.

Supply voltage - 27 V.

Shelf life - 12 years.

Overall dimensions - 28 × 63 × 82 mm.

Weight - 220 g

Variants relay REV-14 depending on the type of acceptance:

- Technical control department - REV14 OTC;

- Very resistant - OSREV14, REV14 OS;

- Acceptance of the customer - REV14 PP;

- Acceptance of the military - REV14 VI.

Operating conditions REV 14:

ambient temperature - from -60 ° C to + 100 ° C.

Relative humidity at 35 ° C - up to 98%.

Atmospheric pressure - from 666 Pa to 160 kPa.

Sinusoidal vibration (vibration) in the frequency range:

- From 50 Hz to 1200 Hz - the acceleration of 100 m/s^2 ;
- From 1200 Hz to 2500 Hz - a maximum acceleration of 150 m/s^2 .

Sinusoidal vibration (vibration) in the frequency range:

- From 5 Hz to 50 Hz - with an amplitude of 1 mm;
- From 50 Hz to 2500 Hz - acceleration of 75 m/s^2 .

Impact strength REV-14:

- For a single impact with acceleration not more than 1500 m/s^2 - 9 strokes;
- During multiple impacts with an acceleration of no more than 350 m/s^2 - 10 000 strokes.

Acceleration shock stability - no more than 120 m/s^2 .

Permanent linear acceleration - no more than 250 m/s^2 .

Execution relay REV14, which is available on our stock - RF4.562.001-00.

Photos at: REV14

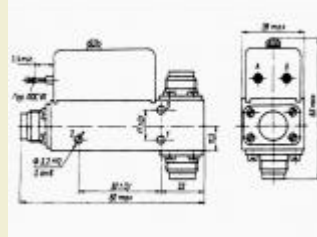
REV14 Photo relay.



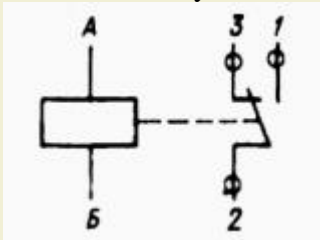
REV14 Photo relay.



REV14 Relay drawing.



REV14 printsypialno
circuitry.



Product 2016 production.

The relay electromagnetic low voltage REV15

Also, it may be called: REV-15 15 REV, REV15, PEB-15, Rev 15, REV15, REV-15 REV 15, rev15, rev-15, the rev 15.

REV15 relay electromagnetic low voltage, high-frequency, coaxial, neutral, bistable, monostable, with one changeover contact is designed for switching high frequency signals in electrical circuits AC frequency **up to 650 MHz**.

Scope: Work in coaxial paths.

Specifications REV-15:

Number of Contacts - 1.

Breaking capacity - **from 100 watts to 1500 watts**.

Switching voltage - **50 mV**.

Frequency:

- Switching - no more than 650 Hz;

- Operating - no more than 5 Hz.

Operating voltage relay REV 15 - from 11.4 V to 34 V.

The number of operating cycles - no more than 50,000.

Current:

- Operation - no more than 260;

- Release - no more than 45 V.

Contact resistance - 0.2 Ohms.

Winding resistance - from 28.5 ohms to 132 ohms.

Insulation resistance REV15:

- Under normal climatic conditions (coil de-energized) between contacts, between contacts and case - 500 MW;

- Under normal climatic conditions (coil de-energized) between coil and casing - 200 MW;

- The maximum temperature (after winding exposure under operating voltage) between contacts, between contacts and case - 40 MW;

- The maximum temperature (after winding exposure under operating voltage) between the winding and the housing - 20 MW;

- In conditions of high humidity between contacts, between contacts and case - 10 MW;

- In conditions of high humidity between the winding and the housing - 5 MW.

Test AC voltage **relay REV-15** in normal climatic **conditions**:

- Between contacts and housing - 1500;

- Between contacts - 600 V;

- Between the winding and the housing - 500 V.

Test AC voltage in wet conditions:

- Between contacts and housing - 900 V;

- Between contacts - 300 V;

- Between the winding and the housing - 300 V.

Testing an AC voltage at a reduced atmospheric pressure:

- Between contacts and case - 250;

- Between contacts - 200 V;

- Between the winding and the housing - 150 V.

Electric Capacity:

- Between open contacts - no more than 0.2 pF;

- Between contacts and housing - less than 1 pF.

Standing Wave Ratio voltage:

- 500 MHz - not more than 1.25;

- At a frequency of 650 MHz - no more than 1.33.

Attenuation at 650 MHz:

- Open contacts in the circuit - not less than 20 dB;

- In the circuit closed contacts - not more than 1 dB.

Impedance REV 15 - 75 ohms.

continuous coil residence time under tension - no more than 100 hours.

Time:

- Operation - no more than 30 ms;

- Releasing - not more than 10 ms;

- Bounce when released - no more than 10 ms.

Contact material - Sr999.

Supply current - constant.

Powered by a DC voltage source - 12.6; 27 V.

Shelf life - 12 years.

Overall dimensions - 28 × 63 × 82 mm.

Weight - 210 g

Variants relay REV-15 depending on the type of acceptance:

- Technical control department - REV15 OTC;

- Very resistant - OSREV15, REV15 OS;

- Acceptance of the customer - REV15 PP;

- Acceptance of the military - REV15 VI.

Operating conditions REV 15:

ambient temperature - from -60 ° C to + 100 ° C.

Relative humidity at 35 ° C - up to 98%.

Atmospheric pressure - from 666 Pa to 160 kPa.

Sinusoidal vibration (vibration) in the frequency range:

- From 5 Hz to 50 Hz - with an amplitude of 1 mm;

- From 50 Hz to 1200 Hz - the acceleration of 100 m / s²;

- From 1200 Hz to 2500 Hz - a maximum acceleration of 150 m / s².

Sinusoidal vibration (vibration) in the frequency range:

- From 5 Hz to 50 Hz - with an amplitude of 1 mm;
- From 50 Hz to 2500 Hz - acceleration of 75 m/s^2 .

Impact strength REV-15:

- For a single impact with acceleration not more than 1500 m/s^2 - 9 strokes;
- During multiple impacts with an acceleration of no more than 350 m/s^2 - 10 000 strokes.

Acceleration shock stability - no more than 120 m/s^2 .

Permanent linear acceleration - no more than 250 m/s^2 .

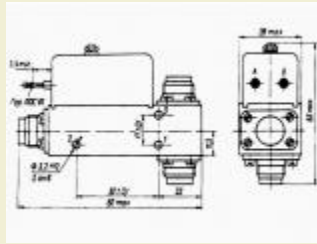
Part types relay REV15, which is available on our stock - RF4.562.000-00, RF4.562.000-01.

Photos at: REV15

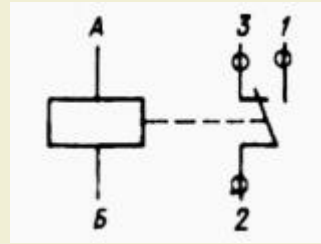
REV15 Photo relay.



REV15 Relay drawing.



REV15 printsyrialno
circuitry.



Product 2016 production.

The relay electromagnetic low voltage REV16

Also, it may be called: REV-16, 16 REV, REV16, PEB-16, Rev 16, REV16, REV-16 REV 16, rev16, rev-16, the rev 16.

REV16 relay electromagnetic leaking low voltage, high-frequency, coaxial, neutral, bistable, monostable, with one changeover contact is designed for switching high frequency signals in electrical circuits, frequency **up to 1000 MHz**.

Scope: Work in coaxial paths.

Specifications REV-16:

Number of Contacts - 1.

Breaking capacity - **from 30 watts to 50 watts**.

Switching voltage - **50 mV**.

Frequency:

- Switching - no more than 1000 Hz;

- Operating - no more than 5 Hz.

The number of operating cycles - no more than 50,000.

Current:

- Response - 65;

- Release - 10 V.

Contact resistance - less than 0.5 ohm.

Winding resistance - 210 ohms.

Insulation resistance Relay REV 16 between the conductive elements, between live parts and the body:

- Under normal climatic conditions (coil de-energized) - 500 MW;

- The maximum temperature (after winding exposure under operating voltage) - 50 MW;

- In conditions of high humidity between contacts, between contacts and case - 10 MW;

- In conditions of high humidity between the winding and the housing - 5 MW.

Test AC voltage REV16 between live elements, between live parts and the body:

- Under normal climatic conditions - 500;

- In conditions of high humidity - 300;

- Under a reduced atmospheric pressure - 200 V.

Electric Capacity:

- Between open contacts - no more than 0.2 pF;

- Between contacts and housing - less than 1.5 pF.

Operating voltage **relay REV-16** - from 22 V to 34 V.

Standing Wave Ratio voltage at a frequency of 1000 MHz - no more than 1.43.

attenuation:

- Open contacts in the circuit at the frequency of 500 MHz - not less than 30 dB;

- Closed circuit contacts at a frequency of 1000 MHz - not more than 1 dB.

Impedance REV 16 - 50 ohms.

continuous coil residence time under tension - from 100 hours to 250 hours.

Operate and release time - no more than 30 ms.

Contact material - Sr999.

Supply current - constant.

Shelf life - 12 years.

Dimensions - 24.5 × 50 × 69 mm.

Weight - 140 g

Variants relay REV-16 depending on the type of acceptance:

- Technical control department - REV16 OTC;

- Very resistant - OSREV16, REV16 OS;

- Acceptance of the customer - REV16 PP;

- Acceptance of the military - REV16 VI.

Operating conditions REV 16:

ambient temperature - from -60 ° C to + 100 ° C.

Relative humidity at 35 ° C - up to 98%.

Atmospheric pressure - from 666 Pa to 203 kPa.

Power DC power supply voltage - 27 V.

Sinusoidal vibration (vibration and vibration) in the frequency range:

- From 0.5 Hz to 5 Hz - with an amplitude of not more than 3 mm;

- From 5 Hz to 30 Hz - with an amplitude of not more than 1.5 mm;

- From 30 Hz to 50 Hz - with an amplitude of 1 mm;

- From 50 Hz to 2000 Hz - acceleration of 75 m / s²;

- From 2000 Hz to 2500 Hz - the acceleration of 100 m / s².

Impact strength REV-16:

- For a single impact with acceleration up to 1000 m / s² - 9 strokes;

- During multiple impacts with an acceleration of no more than 350 m / s² - 10 000 strokes.

Acceleration shock stability - less than 200 m / s².

Permanent linear acceleration - no more than 250 m / s².

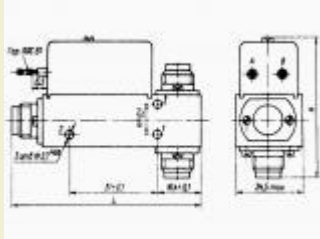
Part types relay REV16, which is available on our stock - RF4.562.009-00.

Photos at: REV16

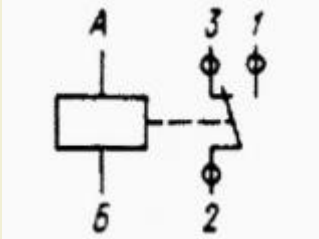
REV16 Photo relay.



REV16 Relay drawing.



REV16 printsypialno circuitry.



Product 2016 production.

The relay electromagnetic low voltage REV17

Also, it may be called: REV-17, 17 REV, REV17, PEB-17, Rev 17, REV17, REV-17 REV 17, rev17, rev-17, the rev 17.

REV17 relay electromagnetic leaking low voltage, high-frequency, coaxial, neutral, bistable, monostable, with one changeover contact is designed for switching high frequency signals in electrical circuits, frequency **up to 1000 MHz**.

Scope: Work in coaxial paths.

Specifications REV-17:

Number of Contacts - 1.

Breaking capacity - **from 30 watts to 50 watts**.

Switching voltage - **50 mV**.

Frequency:

- Switching - no more than 1000 Hz;

- Operating - no more than 5 Hz.

The number of operating cycles relay REV 17 - no more than 50,000.

Current:

- Response - 65;

- Release - 10 V.

Contact resistance - less than 0.5 ohm.

Winding resistance - 210 ohms.

REV17 Insulation resistance between live elements, between live parts and the body:

- Under normal climatic conditions (coil de-energized) - 500 MW;

- The maximum temperature (after winding exposure under operating voltage) - 50 MW;

- In conditions of high humidity between contacts, between contacts and case - 10 MW;

- In conditions of high humidity between the winding and the housing - 5 MW.

Test AC voltage between the conductive elements, between live parts and the body:

- Under normal climatic conditions - 500;

- In conditions of high humidity - 300;

- Under a reduced atmospheric pressure - 200 V.

Operating voltage **relay REV-17** - from 22 V to 34 V.

Electric Capacity:

- Between open contacts - no more than 0.2 pF;

- Between contacts and housing - less than 1.5 pF.

Standing Wave Ratio voltage at a frequency of 1000 MHz - 1.25.

attenuation:

- Open contacts in the circuit at the frequency of 500 MHz - not less than 30 dB;

- Closed circuit contacts at a frequency of 1000 MHz - not more than 1 dB.

Impedance REV 17 - 75 ohms.

continuous coil residence time under tension - by 100 h do250 hours.

Operate and release time - no more than 30 ms.

Contact material - Sr999.

Supply current - constant.

Power supply voltage - 27 V.

Shelf life - 12 years.

Dimensions - 24.5 × 50 × 69 mm.

Weight - 140 g

Variants relay REV-17 depending on the type of acceptance:

- Technical control department - REV17 OTC;

- Very resistant - OSREV17, REV17 OS;

- Acceptance of the customer - REV17 PP;

- Acceptance of the military - REV17 VI.

Operating conditions REV 17:

ambient temperature - from -60 ° C to + 100 ° C.

Relative humidity at 35 ° C - up to 98%.

Atmospheric pressure - from 666 Pa to 203 kPa.

Sinusoidal vibration (vibration and vibration) in the frequency range:

- From 0.5 Hz to 5 Hz - with an amplitude of not more than 3 mm;

- From 5 Hz to 30 Hz - with an amplitude of not more than 1.5 mm;

- From 30 Hz to 50 Hz - with an amplitude of 1 mm;

- From 50 Hz to 2000 Hz - acceleration of 75 m / s²;

- From 2000 Hz to 2500 Hz - the acceleration of 100 m / s².

Impact strength REV-17:

- For a single impact with acceleration up to 1000 m / s² - 9 strokes;

- During multiple impacts with an acceleration of no more than 350 m / s² - 10 000 strokes.

Acceleration shock stability - less than 200 m / s².

Permanent linear acceleration - no more than 250 m / s².

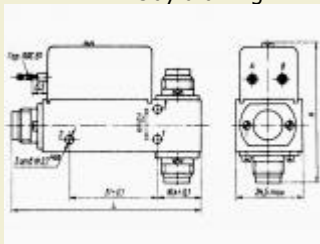
Part types relay REV17, which is available on our stock - RF4.562.009-01.

Photos at: REV17

REV17 Photo relay.



REV17 Relay drawing.



REV17 printsypialno circuitry.

