

This is an electromagnetic, slave relay for DC with rated voltage to 110V and AC with voltage of 220V, designed for AC-circuits of railway rolling stock.

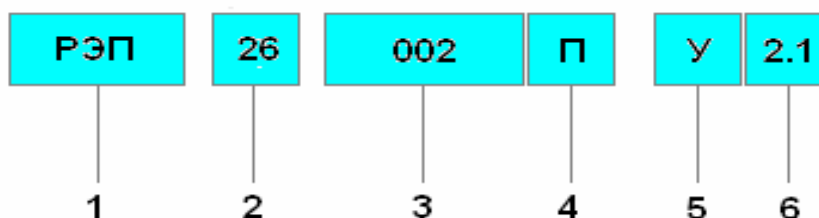
This relay has two change-over contacts with contact connector fastening (socket) with a screw clamp for front connection and a relay coil for rated voltage of 24V.



Ordering data:

Relay REP 26 – 002П У2.1, 24В, with screw clamps, ТУ 3425 – 061 – 00216823 – 98

Model Identification



- 1 – Identification of Relay Type:
-electromagnetic relay
-slave relay
- 2 – Series Number
- 3 – Number of Contacts :
002 – 2 change-over twin-break contacts
220 – 2 make and two break contacts (with single break)
400 – 4 make contacts (with single break)
- 4 – Identification for Relay Application :
for railway rolling stock
- 5 – Environmental Conditions According to GOST 15150:
У – for temperate climate
ТБ –for tropical humid climate
- 6 – Placement Category According to GOST 15150

Models List

Model	Number and Contact Type	Coil Current Type and Rated Voltage, V	Terminal Connection Technique
REP26 002P У2.1 REP26 002P ТБ2.1	2 change-over contacts	DC (pulse current)	Soldering or screw clamp
REP26 220P У2.1 REP26 220P ТБ2.1	2 make and break contacts	24V;48V(50V);75V;110V	
REP26 220P У2.1 REP26 220P ТБ2.1	4 make contacts	AC with frequency of 50Hz; 220V	

Bonding point vibration with frequency to 100Hz and acceleration not more than 1g.
Single lateral shocks with acceleration of 3g and duration of 40 – 60 ms.

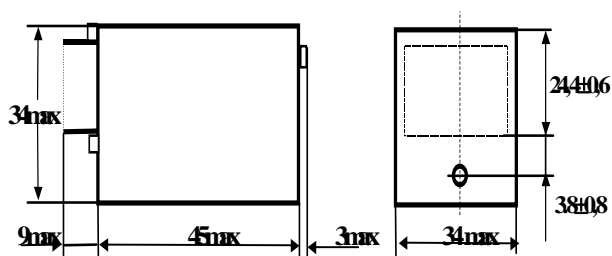
Technical Parameters

Parameter Name	Unit of Measure	Design Rule	Measurement conditions
Rated Voltage of Contact Circuit	V	110 220	DC AC
Rated Contact Current	A	6 4	from minus 50°C to plus 40°C from minus 50°C to plus 60°C
Minimum Operating Contact Current	A	0,01	when U=24V
Tolerance Let-Through Contact Current	A	160	within 1 sec.
Tolerance Variation Limits of Control Circuit Voltage	%	+25 -30	
Watt Consumption, not more than: for DC for AC	W WA	2,0 3,0	t=(20±5)°C
Operate Time, not more than	second	0,03	t=(20±5)°C
Release Time, not more than	second	0,03	t=(20±5)°C
Wear Resistance, not less than	MIOs of Cycles	10,0	

Model Schematic Circuit

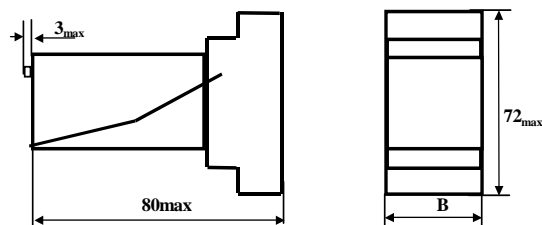
Relay Model According to Terminal Connection Technique	Model Schematic Circuit Diagram According to Number and Contact Type		
	2 Change-over Contacts	2 Make and 2 Break Contacts	4 Make Contacts
Soldering	<p>Diagram showing two change-over contacts with terminals 42, 32, 22, 12, 41, 34, 24, 14 and a coil symbol with terminals A2 and A1.</p>	<p>Diagram showing two make and two break contacts with terminals 42, 34, 24, 12, 41, 31, 21, 11 and a coil symbol with terminals A2 and A1.</p>	<p>Diagram showing four make contacts with terminals 44, 34, 24, 14, 41, 31, 21, 11 and a coil symbol with terminals A2 and A1.</p>
Screw Clamp	<p>Diagram showing two change-over contacts with terminals 1, 3, 2, 5, 6, 9, 8, 10 and a coil symbol with terminals 7 and 4.</p>	<p>Diagram showing two make and two break contacts with terminals 1, 3, 4, 2, 5, 6, 7, 8, 9, 10 and a coil symbol with terminals 7 and 4.</p>	<p>Diagram showing four make contacts with terminals 1, 3, 2, 5, 6, 7, 8, 9, 10 and a coil symbol with terminals 7 and 4.</p>

Lamella Relay for Soldering



Weight, kg, not more than 0,08 kg

Socket Relay with a Screw Clamp



Weight, kg, not more than 0,15 kg