

This is a low-current, electromagnetic, not polarized, monostable, not hermetically sealed reed relay for DC with one make contact; designed to switch DC & AC electrical circuits with frequencies to 10 000 Hz; manufactured according to GOST 16121-86 and ИДЯУ.647613.002 ТУ.



Environmental rating: temperate and cold climate.

Model types:

- print board mount with through-hole technology RGK 29;
- surface mount technology with incurved terminals RGK 29-1;
- surface mount technology with out curved terminals RGK 29-2;
- print board mount with through-hole technology by four terminals RGK 29-3.

**Ordering data: Relay RGK 29 ИДЯУ.647613.002-01 ИДЯУ.647613.002 ТУ**

## Technical Parameters

Type	Model	With a Diode	Shielded	Rated Voltage V	Operate Voltage V (not more than)	Release Voltage V (not less than)	Coil Resistance Ohm
1	2	3	4	5	6	7	8
RGK 29	ИДЯУ.647613.002-00	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.002-01	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.002-02	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.002-03	-	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.002-04	-	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.002-10	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.002-12	+	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.002-13	+	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.002-14	+	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.002-15	+	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.002-16	+	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.002-22	+	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.002-24	-	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.002-25	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.002-26	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.002-27	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.002-28	-	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.002-29	-	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.002-30	-	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.002-31	-	-	5±0,5	3,6	0,8	750±112,5
ИДЯУ.647613.002-32	-	-	9±0,9	6,1	1,2	1400±210	
ИДЯУ.647613.002-33	-	-	12±1,2	8,0	1,6	2500±375	
ИДЯУ.647613.002-34	+	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375	
ИДЯУ.647613.002-35	+	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375	
ИДЯУ.647613.002-36	+	-	5±0,5	3,6	0,8	500±75	

1	2	3	4	5	6	7	8
RGK 29	ИДЯУ.647613.002-37	+	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.002-38	+	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.002-39	+	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.002-40	-	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.002-41	-	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.002-42	-	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.002-43	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.002-44	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.002-45	+	+	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.002-46	+	+	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
ИДЯУ.647613.002-47	+	+	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375	
RGK 29B	ИДЯУ.647613.002-05	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.002-06	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.002-07	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.002-08	-	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.002-09	-	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.002-11	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.002-18	+	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.002-19	+	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.002-20	+	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.002-21	+	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.002-23	+	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.002-48	-	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.002-49	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.002-50	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.002-51	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.002-52	-	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.002-53	-	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.002-54	+	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.002-55	+	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.002-56	+	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.002-57	+	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.002-58	+	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.002-59	+	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.002-60	-	+	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.002-61	-	+	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.002-62	-	+	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.002-63	-	+	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.002-64	-	+	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.002-65	-	+	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.002-66	+	+	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.002-67			5±0,5	3,6	0,8	750±112,5
ИДЯУ.647613.002-68	+	+	9±0,9	6,1	1,2	1400±210	
ИДЯУ.647613.002-69	+	+	12±1,2	8,0	1,6	2500±375	
ИДЯУ.647613.002-70	+	+	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375	
ИДЯУ.647613.002-71	+	+	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375	

1	2	3	4	5	6	7	8
RGK 29-1	ИДЯУ.647613.044-00	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.044-01	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.044-02	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.044-03	-	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.044-04	-	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.044-10	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.044-12	+	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.044-13	+	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.044-14	+	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.044-15	+	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.044-16	+	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.044-22	+	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.044-24	-	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.044-25	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.044-26	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.044-27	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.044-28	-	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.044-29	-	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.044-30	-	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.044-31	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.044-32	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.044-33	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.044-34	+	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.044-35	+	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.044-36	+	-	5±0,5	3,6	0,8	500±75
	ИДЯУ.647613.044-37	+	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.044-38	+	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.044-39	+	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.044-40	-	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.044-41	-	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
ИДЯУ.647613.044-42	-	-	5±0,5	3,6	0,8	500±75	
ИДЯУ.647613.044-43	-	-	5±0,5	3,6	0,8	750±112,5	
ИДЯУ.647613.044-44	-	-	9±0,9	6,1	1,2	1400±210	
ИДЯУ.647613.044-45	+	+	12±1,2	8,0	1,6	2500±375	
ИДЯУ.647613.044-46	+	+	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375	
ИДЯУ.647613.044-47	+	+	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375	
RGK 29-1B	ИДЯУ.647613.044-05	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.044-06	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.044-07	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.044-08	-	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.044-09	-	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.044-11	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.044-18	+	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.044-19	+	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.044-20	+	-	15±1,5	10,0	1,4	1000±150
ИДЯУ.647613.044-21	+	-	24±2,4	15,0	2,6	2500±375	

1	2	3	4	5	6	7	8
RGK 29-1B	ИДЯУ.647613.044-23	+	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.044-48	-	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.044-49	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.044-50	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.044-51	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.044-52	-	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.044-53	-	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.044-54	+	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.044-55	+	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.044-56	+	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.044-57	+	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.044-58	+	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.044-59	+	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.044-60	-	+	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.044-61	-	+	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.044-62	-	+	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.044-63	-	+	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.044-64	-	+	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.044-65	-	+	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.044-66	+	+	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.044-67			5±0,5	3,6	0,8	750±112,5
ИДЯУ.647613.044-68	+	+	9±0,9	6,1	1,2	1400±210	
ИДЯУ.647613.044-69	+	+	12±1,2	8,0	1,6	2500±375	
ИДЯУ.647613.044-70	+	+	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375	
ИДЯУ.647613.044-71	+	+	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375	
RGK 29-2	ИДЯУ.647613.045-00	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.045-01	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.045-02	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.045-03	-	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.045-04	-	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.045-10	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.045-12	+	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.045-13	+	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.045-14	+	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.045-15	+	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.045-16	+	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.045-22	+	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.045-24	-	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.045-25	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.045-26	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.045-27	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.045-28	-	-	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.045-29	-	-	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
	ИДЯУ.647613.045-30	-	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.045-31	-	-	5±0,5	3,6	0,8	750±112,5
ИДЯУ.647613.045-32	-	-	9±0,9	6,1	1,2	1400±210	
ИДЯУ.647613.045-33	-	-	12±1,2	8,0	1,6	2500±375	

1	2	3	4	5	6	7	8
RGK 29- 2	ИДЯУ.647613.045-34	+	-	$12_{-2,0}^{+1,2}$	8,0	1,6	2500±375
	ИДЯУ.647613.045-35	+	-	$24_{-4,0}^{+2,4}$	15,0	2,6	2500±375
	ИДЯУ.647613.045-36	+	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.045-37	+	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.045-38	+	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.045-39	+	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.045-40	-	-	$12_{-2,0}^{+1,2}$	8,0	1,6	2500±375
	ИДЯУ.647613.045-41	-	-	$24_{-4,0}^{+2,4}$	15,0	2,6	2500±375
	ИДЯУ.647613.045-42	-	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.045-43	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.045-44	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.045-45	+	+	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.045-46	+	+	$12_{-2,0}^{+1,2}$	8,0	1,6	2500±375
	ИДЯУ.647613.045-47	+	+	$24_{-4,0}^{+2,4}$	15,0	2,6	2500±375
RGK29- 2B	ИДЯУ.647613.045-05	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.045-06	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.045-07	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.045-08	-	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.045-09	-	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.045-11	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.045-18	+	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.045-19	+	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.045-20	+	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.045-21	+	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.045-23	+	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.045-48	-	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.045-49	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.045-50	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.045-51	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.045-52	-	-	$12_{-2,0}^{+1,2}$	8,0	1,6	2500±375
	ИДЯУ.647613.045-53	-	-	$24_{-4,0}^{+2,4}$	15,0	2,6	2500±375
	ИДЯУ.647613.045-54	+	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.045-55	+	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.045-56	+	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.045-57	+	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.045-58	+	-	$12_{-2,0}^{+1,2}$	8,0	1,6	2500±375
	ИДЯУ.647613.045-59	+	-	$24_{-4,0}^{+2,4}$	15,0	2,6	2500±375
	ИДЯУ.647613.045-60	-	+	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.045-61	-	+	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.045-62	-	+	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.045-63	-	+	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.045-64	-	+	$12_{-2,0}^{+1,2}$	8,0	1,6	2500±375
	ИДЯУ.647613.045-65	-	+	$24_{-4,0}^{+2,4}$	15,0	2,6	2500±375
	ИДЯУ.647613.045-66	+	+	5±0,5	3,6	0,6	500±75
ИДЯУ.647613.045-67			5±0,5	3,6	0,8	750±112,5	

1	2	3	4	5	6	7	8
RGK29-2B	ИДЯУ.647613.045-68	+	+	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.045-69	+	+	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.045-70	+	+	12 <sup>+1,2</sup> <sub>-2,0</sub>	8,0	1,6	2500±375
	ИДЯУ.647613.045-71	+	+	24 <sup>+2,4</sup> <sub>-4,0</sub>	15,0	2,6	2500±375
RGK29-3	ИДЯУ.647613.050-00	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.050-01	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.050-02	-	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.050-03	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.050-04	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.050-05	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.050-06	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.050-07	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.050-08	-	-	15±1,5	10,0	1,4	1000±150
RGK29-3B	ИДЯУ.647613.050-09	-	-	24±2,4	15,0	2,6	2500±375
	ИДЯУ.647613.050-10	-	-	5±0,5	3,5	0,6	200±30
	ИДЯУ.647613.050-11	-	-	6±0,6	3,5	0,6	200±30
	ИДЯУ.647613.050-12	-	-	5±0,5	3,6	0,6	500±75
	ИДЯУ.647613.050-13	-	-	5±0,5	3,6	0,8	750±112,5
	ИДЯУ.647613.050-14	-	-	9±0,9	5,5	1,0	500±75
	ИДЯУ.647613.050-15	-	-	9±0,9	6,1	1,2	1400±210
	ИДЯУ.647613.050-16	-	-	12±1,2	8,0	1,3	1000±150
	ИДЯУ.647613.050-17	-	-	12±1,2	8,0	1,6	2500±375
	ИДЯУ.647613.050-18	-	-	15±1,5	10,0	1,4	1000±150
	ИДЯУ.647613.050-19	-	-	24±2,4	15,0	2,6	2500±375

## Technical Specifications

Contact Resistance , Ohm, not more than	0,15	
Operate Time, ms, not more than	1,0	
Release Time, ms, not more than		
For models: ИДЯУ.647613.002,-01...-11.-24...-29,-36...-41,-48...-53,-60...-65 ИДЯУ.647613.044,-01...-11.-24...-29,-36...-41,-48...-53,-60...-65 ИДЯУ.647613.045,-01...-11.-24...-29,-36...-41,-48...-53,-60...-65 ИДЯУ.647613.050,-01...-19	0,4	
ИДЯУ.647613.002,-12...-23.-30...-35,-42...-47,-54...-59,-66...-71 ИДЯУ.647613.044,-12...-23.-30...-35,-42...-47,-54...-59,-66...-71 ИДЯУ.647613.045,-12...-23.-30...-35,-42...-47,-54...-59,-66...-71	0,5	
Insulation Resistance between Relay Circuits, mOhm, not less than		
at normal ambient temperature	1000	
at maximal operating temperature	100	
at high humidity, silver thaw, dew, salt fog, mold & fungi, static dust (climate model B)	10 5	
Dielectric Strength of Relay's Insulation (effective value) V	Between relay circuits	Between contacts
at normal ambient temperature	500	180
at high humidity, silver thaw, dew	300	110
at low air pressure	150	110
in conditions of salt fog, mold & fungi, static dust (climate model B)	200	110
Weight, g, not more		
non shielded	1,8	
shielded	2,3	

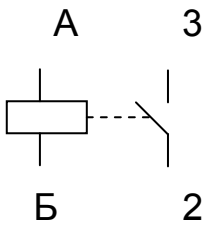
## Switching Modes

Switching Range		Current Type	Type of Load	Switching Frequency, Hz	Number of Switching Cycles	
I, A	U, V				$\Sigma$	at $t=70^{\circ}\text{C}^*$
$5 \cdot 10^{-9}$ -0,01	$10^{-5}$ -6	const & var	Active	100	$10^8$	$5 \cdot 10^7$
0,01-0,05	6-100			50	$10^7$	$5 \cdot 10^6$
0,05-0,1				20	$5 \cdot 10^6$	$2.5 \cdot 10^6$
0,1-0,5	6-20			10		

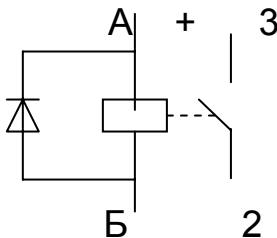
\*\*For models ИДЯУ.647613.002-24 ... -71, ИДЯУ.647613.044-24 ... -71, ИДЯУ.647613.045-24 ... -71 ИДЯУ.647613.050-02,-03,-05,-07,-12,-13,-15,-17 – a higher operation temperature  $60^{\circ}\text{C}$

## Schematic Circuit Diagram

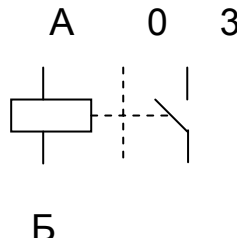
Without a diode,  
non shielded



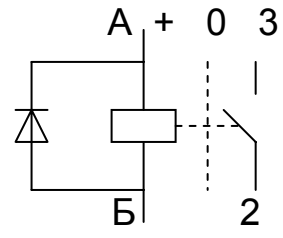
With an inbuilt diode,  
non shielded



Without a diode,  
shielded



With an inbuilt diode,  
shielded



## Terminal Position

Model	Version	Terminal Position	Shield Availability
ИДЯУ.647613.002	00-09		non shielded
ИДЯУ.647613.044			
ИДЯУ.647613.045			
ИДЯУ.647613.002	10-35		non shielded
ИДЯУ.647613.044			
ИДЯУ.647613.045			
ИДЯУ.647613.002	48-59		non shielded
ИДЯУ.647613.044			
ИДЯУ.647613.045			
ИДЯУ.647613.002	36-47		shielded
ИДЯУ.647613.044			
ИДЯУ.647613.045			
ИДЯУ.647613.002	60-71		shielded
ИДЯУ.647613.044			
ИДЯУ.647613.045			
ИДЯУ.647613.050	00-19		non shielded

## External and Mounting Dimensions

1. Relay for Print Board Mount with Through-Hole Technology RGK 29	
2. Relay for Surface Mount Technology with Out-curved Terminals RGK 29-2	
3. Relay for Surface Mount Technology with Incurved Terminals RGK 29-1	
4. Relay for Print Board Mount with Through-Hole Technology RGK 29-3	

## Operating Conditions

Ambient Temperature, °C For Models: ИДЯУ.647613.002, 00-23 ИДЯУ.647613.044, 00-23 ИДЯУ.647613.045, 00-23 ИДЯУ.647613.050, 01,04,06,08,09,10,11,14,16,18,19  ИДЯУ.647613.002, 24-71 ИДЯУ.647613.044, 24-71 ИДЯУ.647613.045, 24-71 ИДЯУ.647613.050, 02,03,05,07,12,13,15,17	From minus 50 to plus 70     From minus 40 to plus 60
Relative Humidity at Temperature not more than 35°C, %	to 98
Air Pressure, Pa (mm of Mercury) For Models : ИДЯУ.647613.002, 00-23 ИДЯУ.647613.044, 00-23 ИДЯУ.647613.045, 00-23 ИДЯУ.647613.050, 01,04,06,08,09,10,11,14,16,18,19  ИДЯУ.647613.002, 24-71 ИДЯУ.647613.044, 24-71 ИДЯУ.647613.045, 24-71 ИДЯУ.647613.050, 02,03,05,07,12,13,15,17	6,7·10 <sup>2</sup> ...3,03·10 <sup>5</sup> (5...2280)     3,6·10 <sup>3</sup> ...3,03·10 <sup>5</sup> (280...2280)
Sinusoidal Vibration : Over 1 to 50Hz Over 50 to 2000Hz	With motion amplitude of 1,5 mm With acceleration amplitude 200 m/sec <sup>2</sup> (20g)
Operating Capability and Effect Parameters of: constant and variable frequencies magnetic field strength	500Hz from 40Am <sup>-1</sup> to 400Am <sup>-1</sup> (5Э)