RXMS1 fast tripping relay

One, use

Used as export trip two circuit in power system.

Two, characteristics

2.1 quick action, the action time of 3.5-4ms and 5-5.5ms and 7.5-8ms.

2.2 through holes toggle the armature relay cover shell can test contact action.

2.3 relays can be voltage starting current captive (up to three current keeps winding).

Three, action principle

RXMS1 fast tripping relay for electromagnetic relay, the electromagnetic system, contact system and frame is composed of three parts. Suction plate mounted on the yoke of nature

Fixed pin, activity is very flexible, reaction force on force contact is achieved, the structure can ensure the reliable, fast and low

Power waste. Contact with double contact theory, the contact reliability of relay to raise and lower contact resistance, improves the contact breaking capacity. Relay

Shell using Combiflex convex type analog-to-digital introduced into structure.

Four, technical data

4.1 operating voltage: < 70% of rated voltage, rated current to maintain current < 80%.

4.2 the return voltage: > 5% of rated voltage.

4.3 movement time

4.3.1 power 6.8W when the moving contact < 4ms < 3.5ms, break contact; the moving contact < 8ms < 7.5ms, break contact.

4.3.2 power 3.5W when the moving contact < 5.5ms < 5ms, break contact.

4.3.3 hold type relay contact < 8ms.

4.4 contact allowed by 4A current.

4.5 contact maximum breaking capacity: AC: 250V 3A (power factor =0.4), 250VA.

DC: 250V 1A (L/R=40ms), 30W.

Table 1

When the voltage of 2 4 V	2.3A/6A (single contact) / (double contact Series)
When the voltage of 4 8 V	1.2A/2.0A (single contact) / (double contact Series)
When the voltage of 55V	4.2 the return voltage: > 5% of rated voltage.
When the voltage of 110V	0.3A/0.8A (single contact) / (double contact Series)
When the voltage of 125V	0.25A/0.6A (single contact) / (double contact Series)
When the voltage of 220V	0.15A/0.3A (single contact) / (double contact Series)
When the voltage of 250V	0.12A/0.25A (single contact) / (double contact Series)

4.6 insulation: 50Hz, 1min, 2kV.

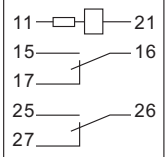
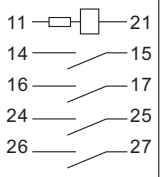
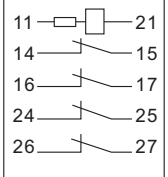
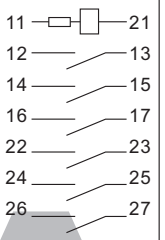
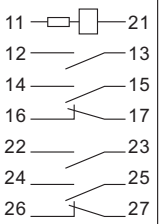
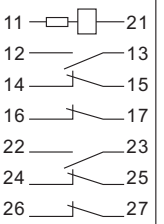
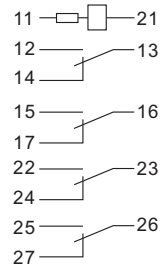
4.7 impulse voltage: 5kV.

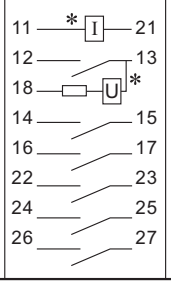
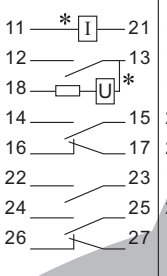
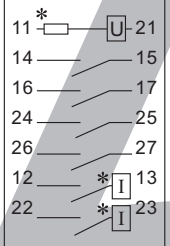
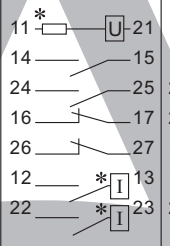
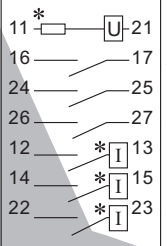
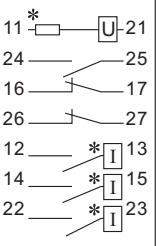
Seismic wave 5-15Hz 4.8 can withstand moderate magnitude.

4.9 to maintain the current: 0.5, 1, 2, 4A.

4.10 contact forms and symbols.

Table 2

Power waste 6.8W	RK 216 437 237	RK 216 449 249	RK 216 450 250	RK 216 463 263	RK 216 465 265	RK 216 466 266	RK 216 438 238
Power waste 3.5W	RK 216 037	RK 216 049	RK 216 050	RK 216 063	RK 216 065	RK 216 066	RK 216 038
Contact form							

Self preservation	RK 216 563	RK 216 565	RK 216 663	RK 216 665	RK 216 763	RK 216 765
Contact form						

4.11 the rated current and rated voltage of the coils, resistance

4.11.1 RK 216 2□□、RK 216 4□□

Table 3

The voltage rating of DC (V)	24	36	48	110	220	250
Relay total resistance (Ω)	93.2	200.4	428	1.88k	7.22k	10.66k

4.11.2 RK 216 0□□

Table 3

The voltage rating of DC (V)	24	36	48	110	220	250
Relay total resistance (Ω)	194	452	769	4.03k	14.51k	19.37k

4.11.3 RK 216 56□□

Table 4

Rated value	The working current of DC (A)					Keep the voltage DC (V)			
	0.25	0.5	1	2	4	24	48	110	220
Relay total resistance (Ω)	34.1	8.8	2.11	0.44	0.32	98	450	2.1K	8.05K

4.11.4 RK 216 66□、RK 216 76□

Table 5

Rated value	The working current of DC (V)				Maintain the current DC (A)				
	24	48	110	220	0.25	0.5	1	2	4
Relay total resistance (Ω)	74	290	1.525k	6.15k	23.5	5.8	1.5	0.36	0.075