

DL-10, 20, 30,40 series of relays

Main technical index

1 conditions of use: ambient temperature -10 degrees Celsius to 40 degrees Celsius, the height of the sea is no more than 2000 meters.

2 use way: the product adopts series and parallel connection, make the whole set scale change one times.

3 movement value error: the fixed point of the action is not greater than the whole set of the scale value of 6%.

4 one-time variation: the whole point of the difference is not greater than 5%.

5 action time: the relay for the 1.1 setting value is not more than 0.12 seconds, 2 times the value of the whole set, not more than 0.04 seconds.

6 return value: 0.01 ~ 100A relay return coefficient is not less than 0.8 times of the calibration value, 200A relay return coefficient is not less than 0.7 times the calibration value.

7 insulation strength: the relay name of the conductive part of the insulation strength of the shell should be able to withstand the exchange of 50HZ2000V, which lasted 1 minutes of the test.

8 contact capacity: contact 2A 50W DC250V, 2A, AC250V, 250VA. Long contact current is less than 5A.

9 product setting range, long-term allowable current, series, parallel rating and action current, see table 1.

Table 1

model	Maximum setting current (A)	Rated current (A)		Long term allowable current (A)		Current setting range (A)	Action current (A)	
		Coil in series	Coil parallel	Coil in series	Coil parallel		Coil in series	Coil parallel
DL 11~13 210~250 31~34 41~44	0.05	0.08	0.016	0.08	0.16	0.025~0.05	0.0125~0.025	0.025~0.05
	0.2	0.3	0.6	0.3	0.6	0.05~0.2	0.05~0.1	0.1~0.2
	0.6	1	2	1	2	0.15~0.6	0.15~0.3	0.3~0.6
	2	3	6	4	8	0.5~2	0.5~1	1~2
	6	6	12	6	12	1.5~6	1.5~3	3~6
	10	10	20	10	20	2.5~10	2.5~5	2.5~10
	15	10	20	10	20	3.75~15	3.75~7.5	7.5~15
	20	10	20	15	30	5~20	5~10	10~20
	50	15	30	20	40	12.5~50	12.5~25	25~50
	100	15	30	20	40	25~100	25~50	50~100
200	15	30	20	40	50~200	50~100	100~200	

Note: DL-10 series products which have no 15A specifications.

Use matters needing attention

1 installed in a dry and well ventilated place, avoid corrosive gases and sleet.

The scale 2 product nameplate on the current value of the series.

3 to change the setting value. If the setting range is determined, only the pointer dial on the current can reach the desired value.

4 when the input current reaches the setting scale value or above, the dynamic contact point of the product is closed. The movable contact can return to the original position until the input current is lower than the return value.

5 DL-10, 30 series of products, when the 2.4 short answer 6.8 short, the input current received this end, should be parallel, when 4.6 short, the input current received 2 and 8 ends, should be in series.

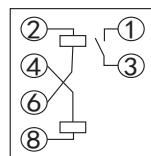
6 DL-40, series of products, when the 1.2 short answer 3.4short, the input current received this end, should be parallel, when 2.3 short, the input current received 1 and 4 ends, should be in series.

7.DL-20 series of products, when the 5.6 short answer 7.8 short, the input current received this end, should be parallel, when the 6.7 short, the input current received 5.8 ends, should be in series.

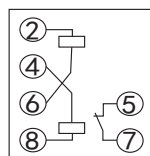
8installation, should avoid collision.

9 products should be installed in the vertical panel.

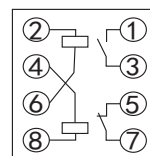
Product internal wiring diagram



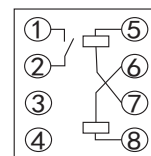
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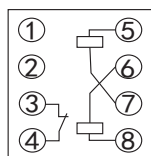
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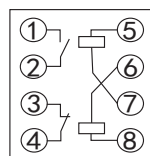
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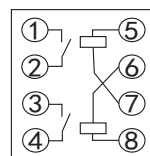
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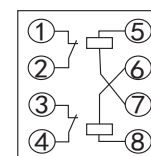
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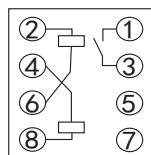
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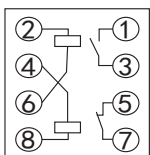
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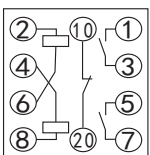
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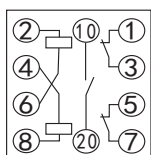
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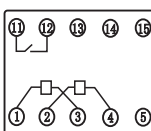
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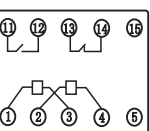
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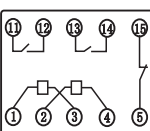
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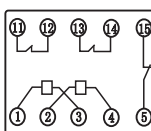
DL-41



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DL-44