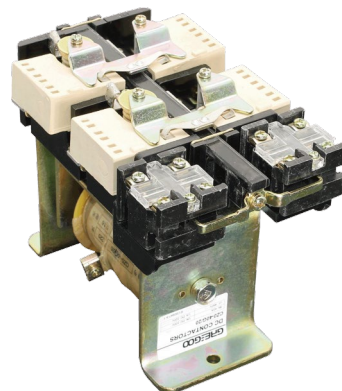
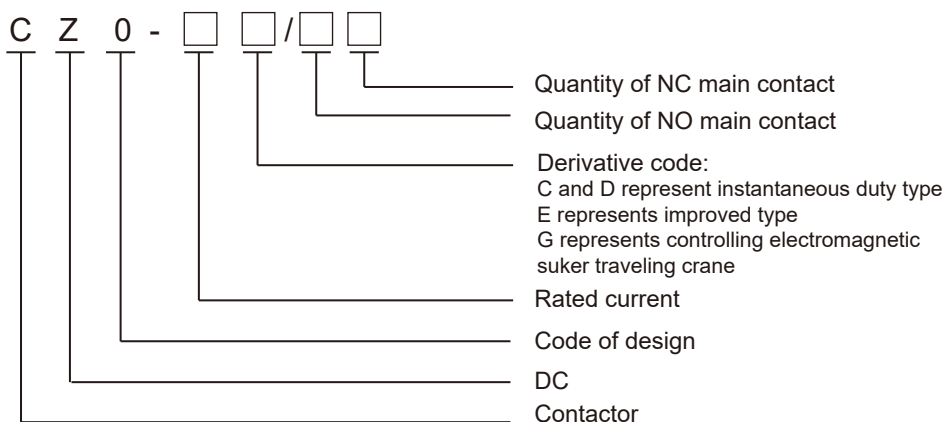


Range of application

- CZ0 series DC contactor is mainly used for remote making and breaking DC power lines of rated DC working voltage up to 660V and rated working current up to 1500A, it is suitable for frequent starting, stop, commutating and pulsed braking of DC motors.
- The products are in accordance with national standards GB/T14048.1 and GB14048.4.

Model description



Structural feature

- Structure for products of rated current 150A below is space formula arranged with upper and lower two layers, main contact system of bridge type double-break series connected magnetic blow out porcelain clay arc controlled as well as two-NO two-NC bridge type double-break auxiliary contact with rated working current 5A are all fixed on the back of flapped electromagnetic system; structure for products of rated current 250A and above are plane layout, it means that contact system with bridge type single-break series connected magnetic blow out porcelain clay arc chute as well as the flapped electromagnetic system who rotates along with the hardening treated edge angle are fixed on underframe in tandem, the bridge-type double-break auxiliary contact of rated conventional heating current 10A and with five pairs of NO and NC that can be combined randomly is fixed on the back of magnetic system; NC main contact contactor of rated current 100-150A as well as contactor pull-in coil of rated current 250A~1500A are all duplex winding structured with energy saving function, the coil has A, B and C three connecting terminals, C is used for contactor itself, A and B are used to connect the control power supply.
- The contactor has advantages of complete specifications, long service life, reliable operation, convenient maintenance, etc.
- CZ0-250~1500 contactor adopts structure form of rod driving auxiliary contact, this enables the product to be more flexible, and have longer service life.

Main technical parameter

Model	Rated voltage (V)	Rated current (A)	Quantity of main contact		Quantity of auxiliary contact		Rated breaking capacity of main contact (A)	Frequency of operation (time/h)	Mechanical life (Ten thousand times)	Electrical life (Ten thousand times)
			NO	NC	NO	NC				
CZ0-40/20	440	40	2		2	2	160	1200	500	50
CZ0-40/02	440	40		2	2	2	100	600	300	30
CZ0-100/10	440	100	1		2	2	400	1200	500	50

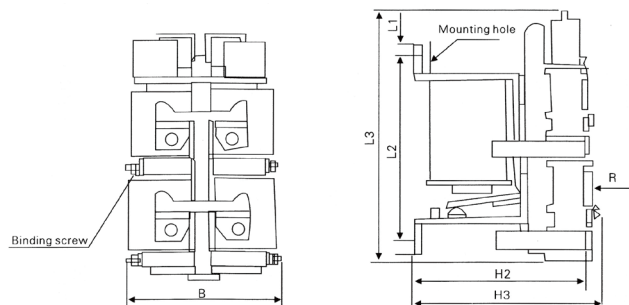
CZ0-100/01	440/660	100		1	2	1	250	600	300	30
CZ0-100/20	440	100	2		2	2	400	1200	500	50
CZ0-150/10	440	150	1		2	2	600	1200	500	50
CZ0-150/01	440/660	150		1	2	1	375	600	300	30
CZ0-150/20	440/660	150	2		2	2	600	1200	300	30
CZ0-250/10	440/660	250	1			5	1000	600	300	30
CZ0-250/01	440/660	250		1		5	1000	600	300	30
CZ0-250/20	440/660	250	2			5	1000	600	300	30
CZ0-400/10	440/660	400	1			5	1600	600	300	30
CZ0-400/01	440/660	400		1		5	1000	600	300	30
CZ0-400/20	440/660	400	2			5	1600	600	300	30
CZ0-600/10	440/660	600	1			5	2400	600	300	30
CZ0-600/01	440/660	600		1		5	2400	600	300	30
CZ0-600/20	440/660	600	2			5	2400	600	300	30
CZ0-1000/10	660	1000	1			4	4000	60	50	5
CZ0-1600/10	660	1500	1			4	6000	60	50	5

Main technical parameter

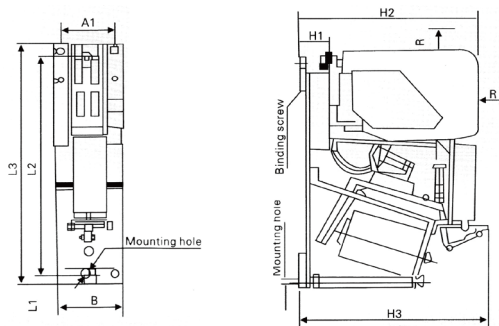
Model	Size (mm)												
	L1	L2 mounting hole	L3	A1	A2	A3 W	H1	H2	H3 H	B W	R	Binding screw	Mounting hole
CZ0-40/20	36	146	195	82				146	162	114	15	M6	Φ7.5
CZ0-40/02	36	146	195	82				146	162	114	15	M6	Φ7.5
CZ0-100/10	15	146	175	108				152	162	150	40	M6	Φ7.5
CZ0-100/01	10	146	180	108				152	162	150	35	M6	Φ7.5
CZ0-100/20	48	170	232	108				160	170	146	40	M8	Φ7.5
CZ0-150/10	10	170	190	118				169	178	164	40	M8	Φ7.5
CZ0-150/01	10	170	205	118				169	178	164	35	M8	Φ7.5
CZ0-150/20	61	200	288	118				185	194	164	40	M8	Φ9.5
CZ0-250/10	12	290	327	70			37	237	265	90	100	M10	Φ11
CZ0-250/01													
CZ0-250/20	18	320	356	70	45	205	69	269	303	100	100	M10	Φ13
CZ0-400/10	18	320	370	75			42	277	303	100	140	M10	Φ13
CZ0-400/01	18	343	393	75			49.5	277	277	100	140	M10	Φ13
CZ0-400/20	20	340	388	75	50	225	59	285	334	130	120	M12	Φ17
CZ0-600/10	20	380	450	105				306	334	130	120	M12	Φ17
CZ0-600/01										130	120	M12	
CZ0-600/20												M12	
CZ0-1000/10	20	340	491			350			306			M12	Φ17
CZ0-1600/10	37	360	562			460			326			M12	Φ17

Outline

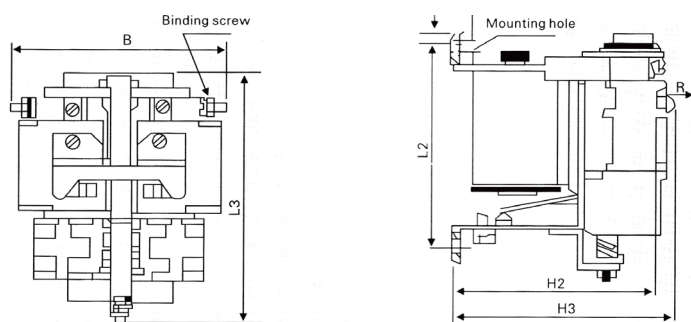
03



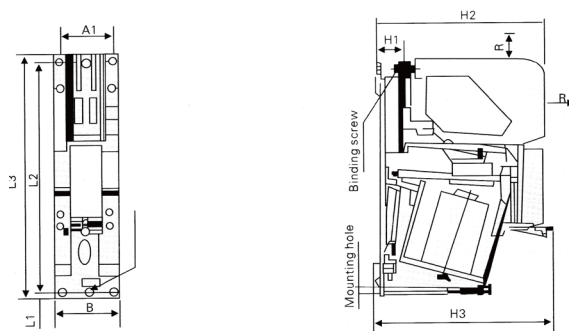
CZ0-40/20,CZ0-40/02 CZ0-100/20, CZ0-150/20 Outline and mounting size



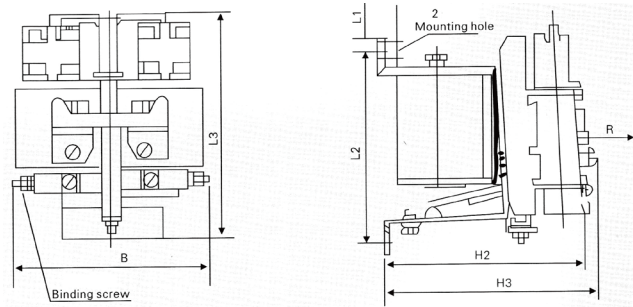
CZ0-250/10,CZ0-400/10, CZ0-600/10 Outline and mounting size



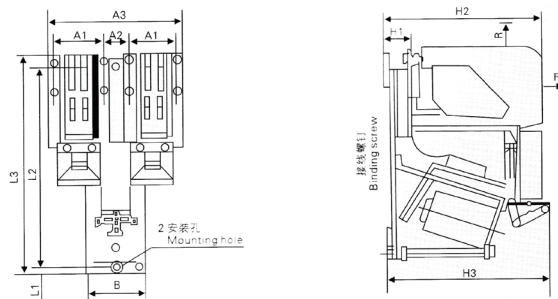
CZ0-100/01,CZ0-150/01 Outline and mounting size



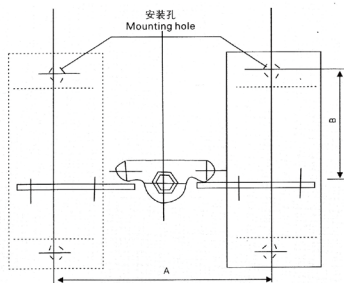
CZ0-250/01,CZ0-600/01 Outline and mounting size



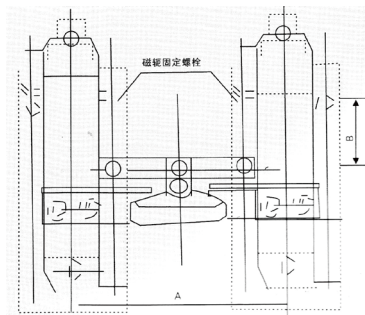
CZ0-100/10,CZ0-150/10 Outline and mounting size



CZ0-250/20,CZ0-400/20,CZ0-600/20 Outline and mounting size



CZ0-40~150
Outline and mounting size of mechanical interlocking device of DC contactor



CZ0-250~600
Outline and mounting size of mechanical interlocking device of DC contactor

Outline and mounting size of mechanical interlocking device

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Model	Size	
	A	B
CZ0-40/20	170	114
CZ0-40/02	170	114
CZ0-100/10	180	115
CZ0-100/01	180	115
CZ0-100/20	180	135
CZ0-150/10	200	135
CZ0-150/01	200	135
CZ0-150/20	200	160
CZ0-250/10	150	43
CZ0-250/20	240	63
CZ0-400/10	160	63
CZ0-400/20	260	73
CZ0-600/10	175	73