

# HJX2 4P AC Contactor

Standard: IEC 60947-4-1



## Function

- HJX2 4P AC contactors provide:
- Remote make & break of circuits
  - Frequent start and stop of motors

## Order Information

Motor P(kW) AC-380/400V	Rated current(A) AC-3 380/400V	Main contact		Reference
4	9	4	0	HJX20904*7
		2	2	HJX20908*7
5.5	12	4	0	HJX21204*7
		2	2	HJX21208*7
11	25	4	0	HJX22504*7
		2	2	HJX22508*7
18.5	40	4	0	HJX24004*7
		2	2	HJX24008*7
22	50	4	0	HJX25004*7
		2	2	HJX25008*7
30	65	4	0	HJX26504*7
		2	2	HJX26508*7
37	80	4	0	HJX28004*7
		2	2	HJX28008*7
45	95	4	0	HJX29504*7
		2	2	HJX29508*7



## Reference Description

Product name	Rated current	Main Contact	Coil Voltage	Coil Frequency
HJX2	09	04	*	7
	↓	↓	↓	↓
	09:9A 12:12A ... 95:95A	04:4NO+0NC 08:2NO+2NC	B:24V ... X:440V	7:50/60Hz

## Coil voltage code

Coil voltage	24V	36V	48V	110V	127V	220V	230V	240V	380V	400V	415V	440V
*	B	C	E	F	S	M	N	U	Q	V	L	X

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## Technical Data

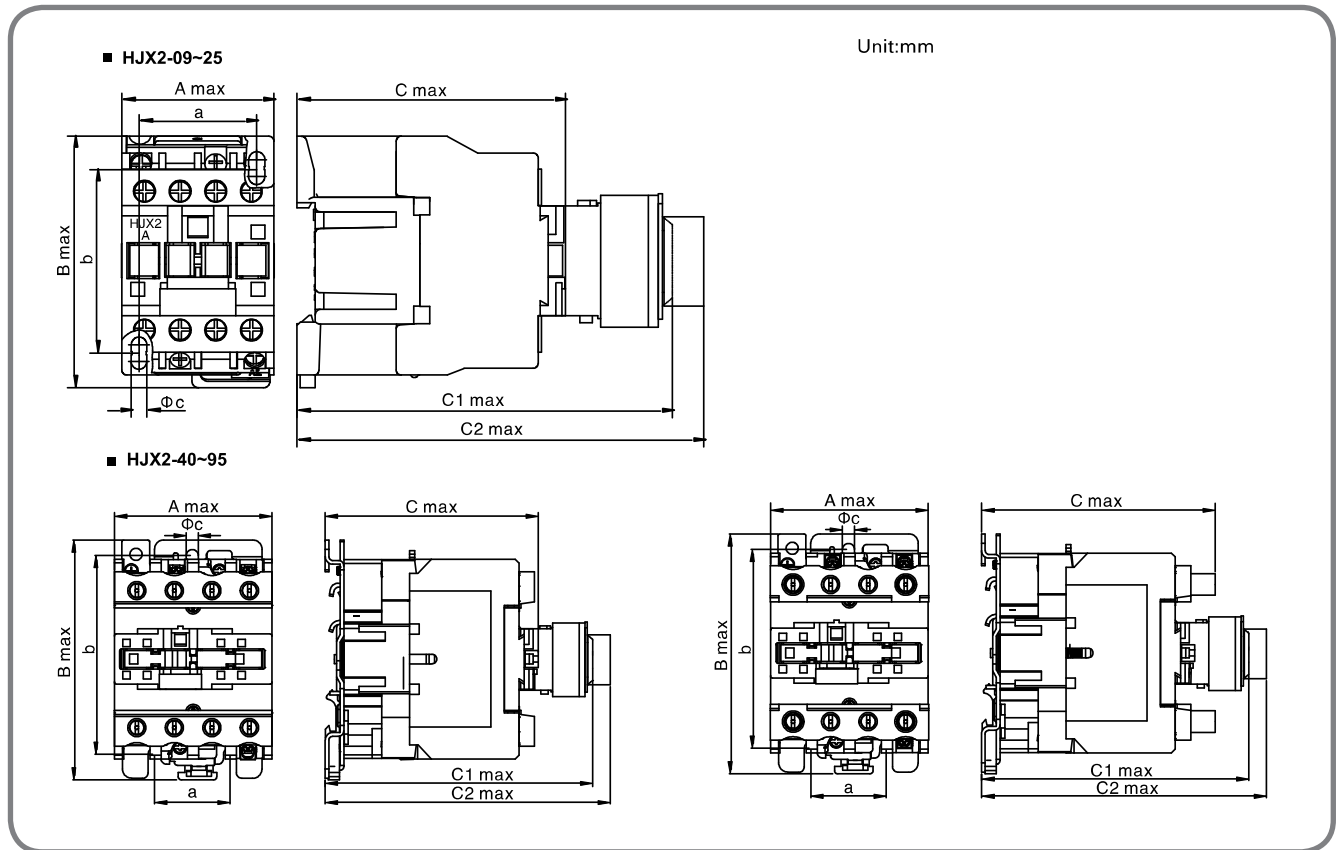
Model		HJX2-09	HJX2-12	HJX2-25	HJX2-40	HJX2-50	HJX2-65	HJX2-80	HJX2-95
<b>Main circuit characteristics</b>									
Rated Operational voltage (Ue)						690V			
Rated Isolation Voltage (Ui)						690V			
Rated Impulse Withstand Voltage (Uimp)						8kV			
Conventional thermal current A		25	25	40	60	80	80	125	125
Rated Operational Current	380/400V AC-3 A	9	12	25	40	50	65	80	95
	660/690V AC-3 A	6.6	8.9	18	34	39	42	49	49
	380/400V AC-4 A	3.3	5	8.5	18.5	24	28	37	44
	660/690V AC-4 A	1.5	2	4.4	9	12	14	17.3	21.3
Rated Power of controlled3-phase cage motor	380/400V AC-3 KW	4	5.5	11	18.5	22	30	37	45
	660/690V AC-3 KW	5.5	7.5	15	30	33	37	45	45
	380/400V AC-4 KW	1.2	2.2	4	7.5	11	15	18.5	22
	660/690V AC-4 KW	1.1	1.5	4	7.5	11	11	15	18.5
Electric durabilities	AC-3 $\times 10^4$ operations	70	70	70	56	56	56	42	42
	AC-4 $\times 10^4$ operations	14	14	14	10	10	10	7	7
Mechanical durabilities	$\times 10^4$ operations	1000	1000	1000	800	800	800	600	600
Operating rate	220/380V cycles/h	1200	1200	1200	600	600	600	600	600
40% load factor	660V cycles/h	300	300	300	300	300	300	300	300
Matched fuse		HRT16-25	HRT16-25	HRT16-50	HRT16-63	HRT16-80	HRT16-80	HRT16-125	HRT16-125
Cable connection cross section	mm <sup>2</sup>	1.5	1.5	4	10	16	16	25	35
<b>Coil</b>									
Coil Voltage(Us)	V	AC24V, 36V, 48V, 110V, 127V, 220V, 230V, 240V, 380V, 400V, 415V, 440V							
Operational voltage	V	85%...110% Us							
Drop-out voltage	V	20%...75% Us							
Coil Power	Inrush VA	70	70	110	200	200	200	200	200
	Sealed VA	9	9	11	24	24	24	24	24
	Heat Dissipation W	2.7	2.7	4	10	10	10	10	10
<b>Terminal Wiring Ability</b>									
Flexible Wire Without Terminal Block	1pc(Section of Connecting Conduction mm <sup>2</sup> )	1~4	1~4	1.5~6	2.5~25	2.5~25	2.5~25	4~50	4~50
	2pc(Section of Connecting Conduction mm <sup>2</sup> )	1~4	1~4	1.5~6	2.5~16	2.5~16	2.5~16	4~25	4~25
Flexible Wire With Terminal Block	1pc(Section of Connecting Conduction mm <sup>2</sup> )	1~4	1~4	1~6	2.5~25	2.5~25	2.5~25	4~50	4~50
	2pc(Section of Connecting Conduction mm <sup>2</sup> )	1~2.5	1~2.5	1~4	2.5~10	2.5~10	2.5~10	4~16	4~16
Fixed Wire Without Terminal Block	1pc(Section of Connecting Conduction mm <sup>2</sup> )	1~4	1~4	1.5~6	2.5~25	2.5~25	2.5~25	4~50	4~50
	2pc(Section of Connecting Conduction mm <sup>2</sup> )	1~4	1~4	1.5~6	2.5~16	2.5~16	2.5~16	4~25	4~25
<b>Auxiliary Contact</b>									
Rated Thermal Current (Ith)	A					10			
Rated Operational Voltage (Ue)	AC V					400			
	DC V					220			
Rated Control Capacity	AC-15 VA					360			
	DC-13 VA					33			

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## Overall Dimensions



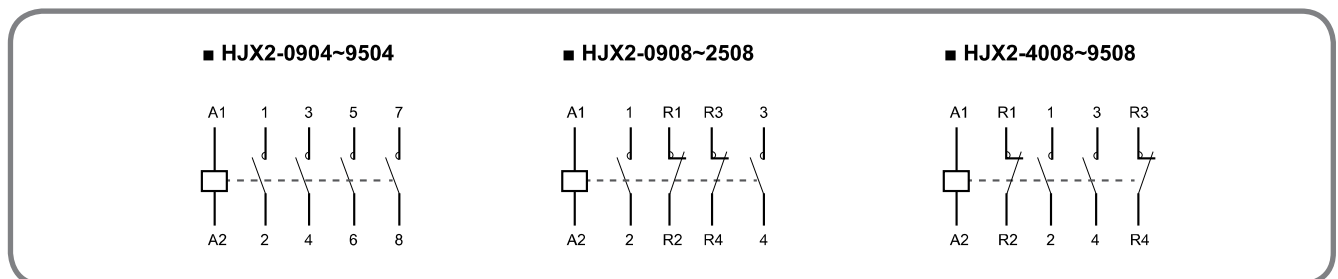
## Overall dimensions & mounting figures

Unit:mm

Model	A max	B max	C max	C1 max	C2 max	a	b	c
HJX2-0904,0908,1204,1208	47	76	82	115	134	35	50/60	4.5
HJX2-2504,2508	58	86	96	130	149	40	50/60	4.5
HJX2-4004,5004,6504	85	128	116	149	168	40	100/110	6.5
HJX2-4008,5008,6508	85	128	126	149	168	40	100/110	6.5
HJX2-8004,9504	96	128	127	160	179	40	100/110	6.5
HJX2-8008,9508	96	128	136	160	179	40	100/110	6.5

Remark: C1max—Cotactor+HF4(or HFD6) C2max—Cotactor+HSK4(or HFT6)

## Wiring diagram



Motor Control and Protection

