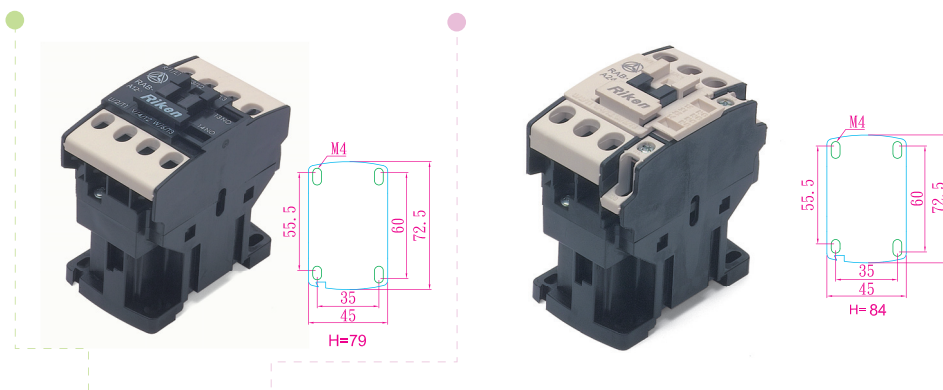
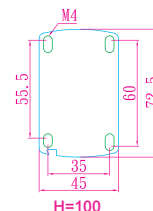
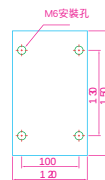
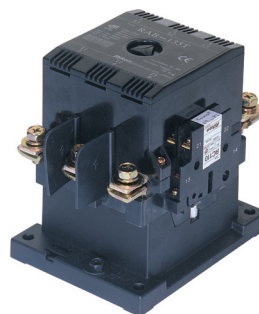
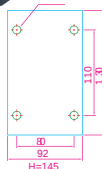




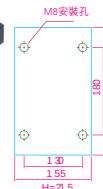
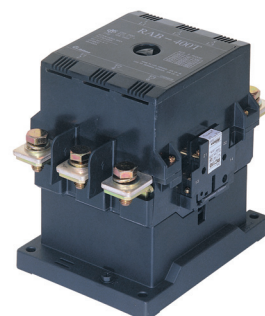
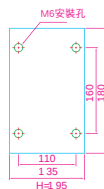
Contactor Models (TYPE)			RAB-A12		RAB-A15		RAB-A18		RAB-A24		
Rated Insulation Voltage (Ui)IEC /CNS (V)			690/600		690/600		690/600		690/600		
Rated Operational Voltage (Ue)IEC /CNS (V)			660/600		660/600		660/600		660/600		
Continuous Operational Current(Ith) IEC /CNS (A)			25		25		32		35		
Continuous Operational Current(Ith) UL (A)			24		25		32		35		
Ie Max AC3 under 460V Current (A)			12		16		18		24		
AC4 Current (A)			2.7		5		7		10		
AC3 Rated Capacity IEC 60947-4-1 CNS 2930 JEM1038 JIS C8325 GB 14048.4-2010			KW	HP	KW	HP	KW	HP	KW	HP	
	Single phase	110V	0.55	0.75	0.55	0.75	0.75	1	1.1	1.5	
		220V	1.1	1.5	1.1	1.5	1.5	2	2.2	3	
	Three phase	220V	3	4	3	4	4	5.5	5.5	7.5	
		380V	5.5	7.5	6.5	8.5	7.5	10	11	15	
		440V	5.5	7.5	6.5	8.5	9	12	11	15	
550V		7.5	10	9	12.5	10	13.5	12	16		
UL Specification											
Rated Capacity UL 508 CSA C22.2	Single phase	120V	0.37	0.5	0.37	0.5	0.75	1	0.75	1	
		240V	1.5	2	1.5	2	2.2	3	2.2	3	
	Three phase	240V	2.2	3	2.2	3	3.7	5	3.7	5	
		380V	3.7	5	3.7	5	5.5	7.5	5.5	7.5	
		460V	5.5	7.5	0	7.5	7.5	10	7.5	10	
		575V	7.5	10	7.5	10	9	12	9	12	
Rated Continuous Current AC1 (A)			24		24		32		32		
AC3. 1.0	Numbers of switchings / hour		1200								
	Electrical Operations AC3 (unit:10 ⁴)		100								
	Mechanical Operations (unit:10 ⁴)		1000								
Auxiliary Contacts	Contact Structure		3P 1a or 1b		3P 1a 1b		3P 1a 1b		3P 1a 1b		
Continuous Current (Ith A)		AC15 A600	10		10		10		10		
		DC13 Q300	2.5		2.5		2.5		2.5		
Protection Device - Fast Fuse (A)			25		25		32		35		
Continuous Current (Ith A)		Operating Voltage	85%~110%								
		Releasing Voltage	< 55%								
Coil Rating (VA)		Switching (VA)	80		80		80		80		
		Keeping (VA)	8		8		8		8		
		Loss (W)	1.8~2.2		1.8~2.2		1.8~2.2		1.8~2.2		
Reaction Time (S)		Closing (mS)	11~21		11~21		11~21		11~21		
		Releasing (mS)	8~18		8~18		8~18		8~18		
A Type Magnetic Starter (RAB-)	Open type		A12 S1/E1		A15 S1/E1		A18 S1/E1		A24 S1/E1		
	Enclosed Type		IP 65	A12 S26/E26		A15 S26/E26		A18 S26/E26		A24 S26/E26	
	Enclosed Type (with buttons)		IP 65	A12 S36/E36		A15 S36/E36		A18 S36/E36		A24 S36/E36	
A Type Reversing Magnetic Starter (RRAB-)	Open Type		IP 42	A12 S1/E1		A15 S1/E1		A18 S1/E1		A24 S1/E1	
	Enclosed Type		IP 42	A12 S2/E2		A15 S2/E2		A18 S2/E2		A24 S2/E2	
Selection Of Thermal Overload Relay (Standard)	BTH-A25 (Marking Value) (A)	2H Overload protection	0.45 0.72 0.96 1.45 2.6 3.4 4.2								
		2E Overload and Phase Failure Protection	6 8 9 11 13 18 25								
Selection Of Thermal Overload Relay (Standard)	BTH-A36 (Marking Value) (A)	2H Overload protection	—								
		2E Overload and Phase Failure Protection									
Selection Of Thermal Overload Relay (Optional)	BTH-18T (Marking Value) (A)	2H Overload protection	0.45 0.72 0.96 1.45 2.6 3.4 4.2								
		2E Overload and Phase Failure Protection	6 8 9 11 13 18 25								
Selection Of Thermal Overload Relay (Optional)	BTH-35T (Marking Value) (A)	2H Overload protection	—								
		2E Overload and Phase Failure Protection									



Contactor Models (TYPE)			RAB-A25		RAB-A30		RAB-A35		RAB-A36	
Rated Insulation Voltage (Ui)IEC /CNS (V)			690/600		690/600		690/600		690/600	
Rated Operational Voltage (Ue)IEC /CNS (V)			660/600		660/600		660/600		660/600	
Continuous Operational Current(Ith) IEC /CNS (A)			40		45		50		60	
Continuous Operational Current(Ith) UL (A)			40		40		45		45	
Ie Max AC3 under 460V Current (A)			25		30		35		36	
AC4 Current (A)			11		12		14		15	
AC3 Rated Capacity IEC 60947-4-1 CNS 2930 JEM1038 JIS C8325 GB 14048.4-2010			KW	HP	KW	HP	KW	HP	KW	HP
	Single phase	110V	1.1	1.5	1.5	2	1.5	2	1.8	2.5
		220V	2.2	3	3.7	5	3.7	5	3.7	5
	Three phase	220V	5.5	7.5	6.5	8.5	7.5	10	9	12.5
		380V	11	15	12	16	15	20	15	20
		440V	11	15	12	16	15	20	18.5	25
550V		12	16	15	20	18.5	25	18.5	25	
UL Specification										
Rated Capacity UL 508 CSA C22.2	Single phase	120V	1.5	2	1.5	2	1.5	2	1.5	2
		240V	2.2	3	2.2	3	3.7	5	3.7	5
	Three phase	240V	5.5	7.5	5.5	7.5	7.5	10	7.5	10
		380V	7.5	10	7.5	10	11	15	11	15
		460V	11	15	11	15	15	20	15	20
575V		11	15	11	15	15	20	15	20	
Rated Continuous Current AC1 (A)			40		40		45		45	
AC3. 1.0	Numbers of switchings / hour		1200							
	Electrical Operations AC3 (unit:10 ⁴)		100							
	Mechanical Operations (unit:10 ⁴)		1000							
Auxiliary Contacts	Contact Structure		3P 1a 1b		3P 1a 1b		3P 1a 1b		3P 1a 1b	
Continuous Current (Ith A)		AC15 A600	10		10		10		10	
		DC13 Q300	2.5		2.5		2.5		2.5	
Protection Device - Fast Fuse (A)			40		40		50		50	
Continuous Current (Ith A)		Operating Voltage	85%~110%							
		Releasing Voltage	< 55%							
Coil Rating (VA)		Switching (VA)	115		115		115		115	
		Keeping (VA)	11		11		11		11	
		Loss (W)	3~4		3~4		3~4		3~4	
Reaction Time (S)		Closing (mS)	11~21		11~21		11~21		11~21	
		Releasing (mS)	8~18		8~18		8~18		8~18	
A Type Magnetic Starter (RAB-)	Open type		A25 S1/E1		A30 S1/E1		A35 S1/E1		A36 S1/E1	
	Enclosed Type		IP 65		A25 S26/E26		A30 S26/E26		A35 S26/E26	
	Enclosed Type (with buttons)		IP 65		A25 S36/E36		A30 S36/E36		A35 S36/E36	
A Type Reversing Magnetic Starter (RRAB-)	Open Type		IP 42		A25 S1/E1		A30 S1/E1		A35 S1/E1	
	Enclosed Type		IP 42		A25 S2/E2		A30 S2/E2		A35 S2/E2	
Selection Of Thermal Overload Relay (Standard)	BTH-A25 (Marking Value) (A)	2H Overload protection	—							
		2E Overload and Phase Failure Protection								
Selection Of Thermal Overload Relay (Standard)	BTH-A36 (Marking Value) (A)	2H Overload protection	18 26 36							
		2E Overload and Phase Failure Protection								
Selection Of Thermal Overload Relay (Optional)	BTH-18T (Marking Value) (A)	2H Overload protection	—							
		2E Overload and Phase Failure Protection								
Selection Of Thermal Overload Relay (Optional)	BTH-35T (Marking Value) (A)	2H Overload protection	18 26 36							
		2E Overload and Phase Failure Protection								



Contactor Models (TYPE)			RAB-88T		RAB-110T		RAB-125T		RAB-135T		RAB-155T			
Rated Insulation Voltage (Ui)IEC /CNS (V)			1000/600		1000/600		1000/600		1000/600		1000/600			
Rated Operational Voltage (Ue)IEC /CNS (V)			690/600		690/600		690/600		690/600		690/600			
Continuous Operational Current(Ith) IEC /CNS (A)			140		150		165		170		200			
Continuous Operational Current(Ith) UL (A)			—		—		—		—		—			
Ie Max AC3 under 460V Current (A)			100		115		125		135		150			
AC4 Current (A)			35		40		45		52		60			
AC3 Rated Capacity IEC 60947-4-1 CNS 2930 JEM1038 JIS C8325 GB 14048.4-2010			KW	HP	KW	HP	KW	HP	KW	HP	KW	HP		
	Single phase	110V	4.5	6	—	—	—	—	—	—	—	—		
		220V	9	12.5	—	—	—	—	—	—	—	—		
	Three phase	220V	25	35	30	40	33	45	37	50	45	60		
		380V	50	70	60	80	63	85	75	100	90	125		
		440V	50	70	60	80	63	85	75	100	90	125		
550V		50	70	60	80	63	85	75	100	90	125			
UL Specification														
Rated Capacity UL 508 CSA C22.2	Single phase	120V												
		240V												
	Three phase	240V												
		380V												
		460V												
575V														
Rated Continuous Current AC1 (A)														
AC3. 1.0	Numbers of switchings / hour		1000											
	Electrical Operations AC3 (unit:10 ⁴)		100											
	Mechanical Operations (unit:10 ⁴)		500											
Auxiliary Contacts	Contact Structure		3P 2a 2b		3P 2a 2b		3P 2a 2b		3P 2a 2b		3P 2a 2b			
Continuous Current (Ith A)		AC15 A600		10		10		10		10		10		
		DC13 Q300		2.5		2.5		2.5		2.5		2.5		
Protection Device - Fast Fuse (A)			140		150		165		170		200			
Continuous Current (Ith A)		Operating Voltage		85%~110%										
		Releasing Voltage		< 55%										
Coil Rating (VA)		Switching (VA)		200		660		660		660		660		
		Keeping (VA)		20		60		60		60		60		
		Loss (W)		6~9		12~16		12~16		12~16		12~16		
Reaction Time (S)		Closing (mS)		23~35		23~35		23~35		23~35		23~35		
		Releasing (mS)		5~15		7~16		7~16		7~16		7~16		
A Type Magnetic Starter (RAB-)	Open type		88T S1/E1		110T S1/E1		125T S1/E1		135T S1/E1		155T S1/E1			
	Enclosed Type		IP 42		88T S2/E2		110T S2/E2		125T S2/E2		135T S2/E2			
	Enclosed Type (with buttons)		IP 42		—		—		—		—			
A Type Reversing Magnetic Starter (RRAB-)	Open Type		IP 42		88T S1/E1		110T S1/E1		125T S1/E1		135T S1/E1			
	Enclosed Type		IP 42		88T S2/E2		110T S2/E2		125T S2/E2		135T S2/E2			
Selection Of Thermal Overload Relay (Standard)	BTH-80K (Marking Value) (A)	2H Overload protection 2E Overload and Phase Failure Protection	—											
Selection Of Thermal Overload Relay (Optional)	BTH-80 (Marking Value) (A)	2H Overload protection 2E Overload and Phase Failure Protection	—											
Selection Of Thermal Overload Relay (Standard)	BTH-125/185 (Marking Value) (A)	2H Overload protection 2E Overload and Phase Failure Protection	80 90 107 130							—				
Selection Of Thermal Overload Relay (Standard)	BTH-A25 (Marking Value) (A)	2H Overload protection 2E Overload and Phase Failure Protection	—							3.6 (Through Current Transformer)				



Contactor Models (TYPE)			RAB-150T		RAB-180T		RAB-225T		RAB-260T		RAB-300T		RAB-450T	
Rated Insulation Voltage (Ui)IEC /CNS (V)			1000/600		1000/600		1000/600		1000/600		1000/600		1000/600	
Rated Operational Voltage (Ue)IEC /CNS (V)			690/600		690/600		690/600		690/600		690/600		690/600	
Continuous Operational Current(Ith) IEC /CNS (A)			200		240		260		330		400		425	
Continuous Operational Current(Ith) UL (A)			—		—		—		—		—		—	
Ie Max AC3 under 460V Current (A)			165		200		225		260		300		400	
AC4 Current (A)			64		78		85		91		104		137	
AC3 Rated Capacity IEC 60947-4-1 CNS 2930 JEM1038 JIS C8325 GB 14048.4-2010			KW	HP	KW	HP	KW	HP	KW	HP	KW	HP	KW	HP
	Single phase	110V	—	—	—	—	—	—	—	—	—	—	—	—
		220V	—	—	—	—	—	—	—	—	—	—	—	—
	Three phase	220V	45	60	55	75	65	85	75	100	90	125	110	150
		380V	90	125	110	150	120	160	132	180	160	220	224	300
		440V	90	125	110	150	125	170	150	200	160	220	224	300
		550V	90	125	110	150	132	180	150	200	160	220	260	350
UL Specification														
Rated Capacity UL 508 CSA C22.2	Single phase	120V												
		240V												
	Three phase	240V												
		380V												
		460V												
		575V												
Rated Continuous Current AC1 (A)														
AC3. 1.0	Numbers of switchings / hour		1000											
	Electrical Operations AC3 (unit:10 ⁴)		100											
	Mechanical Operations (unit:10 ⁴)		500											
Auxiliary Contacts	Contact Structure		3P 2a 2b		3P 2a 2b		3P 2a 2b		3P 2a 2b		3P 2a 2b		3P 2a 2b	
Continuous Current (Ith A)		AC15 A600	10		10		10		10		10		10	
		DC13 Q300	2.5		2.5		2.5		2.5		2.5		2.5	
Protection Device - Fast Fuse (A)			200		240		260		330		400		425	
Continuous Current (Ith A)		Operating Voltage	85%~110%											
		Releasing Voltage	< 55%											
Coil Rating (VA)		Switching (VA)	970		970		1100		1300		1300		1300	
		Keeping (VA)	66		66		110		120		120		120	
		Loss (W)	18~24		18~24		30~40		30~40		30~40		30~40	
Reaction Time (S)		Closing (mS)	23~35		23~35		23~35		23~35		23~35		23~35	
		Releasing (mS)	8~18		8~18		8~18		8~18		8~18		8~18	
A Type Magnetic Starter (RAB-)	Open type		150T S1/E1		180T S1/E1		225T S1/E1		260T S1/E1		300T S1/E1		450T S1/E1	
	Enclosed Type		IP 42		150T S2/E2		180T S2/E2		225T S2/E2		260T S2/E2		300T S2/E2	
	Enclosed Type (with buttons)		IP 42		—		—		—		—		—	
A Type Reversing Magnetic Starter (RRAB-)	Open Type		IP 42		150T S1/E1		180T S1/E1		225T S1/E1		260T S1/E1		300T S1/E1	
	Enclosed Type		IP 42		150T S2/E2		180T S2/E2		225T S2/E2		260T S2/E2		300T S2/E2	
Selection Of Thermal Overload Relay (Standard)	BTH-80K (Marking Value) (A)	2H Overload protection	—											
		2E Overload and Phase Failure Protection												
Selection Of Thermal Overload Relay (Optional)	BTH-80 (Marking Value) (A)	2H Overload protection	—											
		2E Overload and Phase Failure Protection												
Selection Of Thermal Overload Relay (Standard)	BTH-125/185 (Marking Value) (A)	2H Overload protection	—											
		2E Overload and Phase Failure Protection												
Selection Of Thermal Overload Relay (Standard)	BTH-A25 (Marking Value) (A)	2H Overload protection	3.6 (Through Current Transformer)											
		2E Overload and Phase Failure Protection												