

IEC Power Devices

IEC Assembled Starters Selection Guide

C-2000

Nonreversing Starters - AC

Using contactor with CL prefix	LAC	02	A	J	W	L	A	1	B		
Using contactor with CK prefix	KAC	09	B	J	F	N	A	1	B		
	1	2	3	4	5	6	7	8	9	10	11
	Family Name	Starter Size	Contactor Family Version	Coil Selection	Overload Selection	Overload Amp Range	Auxiliary Contacts	Enclosure	Operator	Lights	CPT

Reversing Starters - AC

Using contactor with CL prefix	LAR	02	A	J	W	L	A	1	E		
Using contactor with CK prefix	KAR	09	B	J	F	N	A	1	E		
	1	2	3	4	5	6	7	8	9	10	11
	Family Name	Starter Size	Contactor Family Version	Coil Selection	Overload Selection	Overload Amp Range	Auxiliary Contacts	Enclosure	Operator	Lights	CPT

Nonreversing Starters - Wye-delta

Using contactor with CL prefix	LAD	02	A	J	W	L	A	1	B		
Using contactor with CK prefix	KAD	09	B	J	F	N	A	1	B		
	1	2	3	4	5	6	7	8	9	10	11
	Family Name	Starter Size	Contactor Family Version	Coil Selection	Overload Selection	Overload Amp Range	Auxiliary Contacts	Enclosure	Operator	Lights	CPT

Reversing/Nonreversing Starters - DC controlled

Reversing using contactor with CL prefix	LDR	02	A	J	W	L	A	1	B		
Nonreversing using contactor with CL prefix	LDC	09	B	J	F	N	A	1	B		
	1	2	3	4	5	6	7	8	9	10	11
	Family Name	Starter Size	Contactor Family Version	Coil Selection	Overload Selection	Overload Amp Range	Auxiliary Contacts	Enclosure	Operator	Lights	CPT

1 Family Name

Digits	Description	Contactor Prefix
LAC	Assembled nonreversing starters	CL
KAC	Assembled nonreversing starters	CK
LAR	Assembled reversing starters	CL
KAR	Assembled reversing starters	CK
LAD	Assembled wye-delta starters	CL
KAD	Assembled wye-delta starters	CK
LDC	Assembled nonreversing starters (DC controlled)	CL
LDR	Assembled reversing starters (DC controlled)	CL

3 Contactor Family Version

Digits	Description
A	Contactor with CL prefix
B	Contactor with CK prefix
C	Contactor with CK prefix

2 Starter Size

Contactor No.	Max. Amps @460 V	Horsepower (60 Hz)						KW 50 Hz 380-415 V	
		Single-Phase		Three-Phase					
		115 V	230 V	200 V	230 V	460 V	575 V		
CL	00	10	0.5	1.5	3	3	5	7.5	4
	01	13.8	0.75	2	3	3	7.5	10	5.5
	02	17.5	1	3	5	5	10	15	7.5
	25	22	1.5	3	5	7.5	15	15	11
	04	32	2	5	10	10	20	25	16
	45	34	3	5	10	10	25	25	18.5
	06	48	3	7.5	15	15	30	40	22
	07	62	5	10	20	20	40	50	30
	08	68	5	15	20	25	50	60	37
	09	80	7.5	15	25	30	60	75	45
CK	10	96	10	20	30	40	75	75	55
	75	140	10	25	40	50	100	125	75
	08	156	15	30	50	60	125	125	90
	09	192			60	75	150	150	132
	95	302			100	100	250	300	160
	10	398			125	150	300	400	220
	11	480			150	200	400	500	280
12	602			200	250	500	600	375	

4 Coil Selection

Number or Digit	For Contactor with CL Prefix		For Contactor with CK prefix
	60 Hz	50 Hz	60/50 Hz or DC
1	24 V	24 V	
D			24-28 V
F	48 V	42 V	
J	120 V	110 V	110-127 V
L	208 V		
N	277 V	220/230 V	220-250 V
S	240 V		
U	480 V	380/400 V	380-415 V
W		415 V	
Y	600 V	500 V	440-500 V

5 Overload Selection

Overload Type/Class	
Manual/Automatic	
Digit	Class
W	Class 10
F ¹	Class 30

¹Class 30 overloads available with CK09-CK12 contactors only.

