

MOTOR
PROTECTOR



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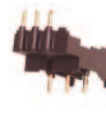
50KA (277/480V) Combination Short Circuit KAIC Rating

CONTACTOR



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LINK
MODULE



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COMBINATION
PLATE



Page 112

COMBINATION
STARTER



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Open MBS Combinations

MEETS THE NEW UL508 "TYPE E" REQUIREMENTS"

	Amp Range	Single Phase HP		Three Phase HP				Contactor	Group Installation Max CB or Fuse Size	Part # Combination Starter	-O Open List
		115V	230V	200V	230V	460V	575V				
30 Amp Frame - MBS32HG											
MBS32HG	0.63-1.0	-	-	-	-	1/2	1/2	LS05	500A	MBS32CH-010-*	\$172
	1-1.6	-	1/10	1/4	1/3	3/4	3/4			MBS32CH-016-*	
	1.6-2.5	-	1/6	1/2	1/2	1	1 1/2			MBS32CH-025-*	
	2.5-4	1/8	1/3	3/4	3/4	2	3			MBS32CH-040-*	
	4.0-6.3	1/4	1/2	1	1 1/2	3	5	MBS32CH-063-*			
	6.3-10	1/2	1 1/2	2	3	5	7 1/2	LS4K	MBS32CH-100-*	\$248	
	9-13	1/2	2	3	3	7 1/2	10	LS5K	MBS32CH-130-*	\$296	
	11-16	1	2	3	5	10	10	LS7K	MBS32CH-160-*	\$319	
	14-20	1 1/2	3	5	5	10	15	LS11K	MBS32CH-200-*	\$334	
	19-25	1 1/2	3	7 1/2	7 1/2	15	20	LS15K-4	MBS32CH-250-*	\$366	
24-32	2	5	10	10	20	25	LS15K-4	MBS32CH-320-*	\$374		
60 Amp Frame - MBS63HG											
MBS63HG	11-16	1	2	3	5	10	10	LS15K-4	1500A	MBS63CH-160-*	\$512
	14-20	1 1/2	3	5	5	10	15			MBS63CH-200-*	\$512
	19-25	2	3	7 1/2	7 1/2	15	20			MBS63CH-250-*	\$512
	24-32	2	5	10	10	20	25			MBS63CH-320-*	\$547
	28-40	3	5	10	10	25	25	LS18K	MBS63CH-400-*	\$578	
	35-50	3	7 1/2	15	15	30	40	LS22K	MBS63CH-500-*	\$591	
	45-63	5	10	15	20	40	50	LS30K	MBS63CH-630-*	\$615	

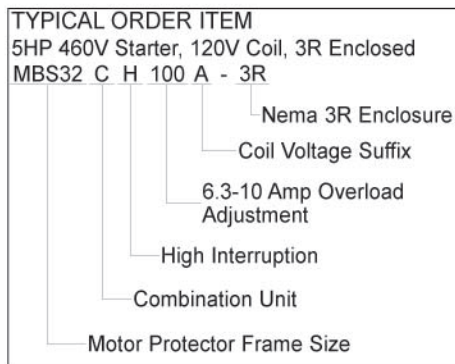
Notes: ▲ - "All" MBS32 combinations are "standard" with type "H" High Interruption Rotary Operator. To replace with "standard" interruption type (rocker lever design) replace "H" with "S" deduct \$3.00 List

To Comply with "UL508 Type E" Change "C" to "E" in part number.

Add \$27 list to MBS32 Combinations

Add \$15 list to MBS63 Combinations Example : MBS32EH-100-A \$275 list.

▲ ▲ - Combinations using "LS05" contactor are standard with no combination plate. If optional LS4K contactor is desired in place of LS05 on combinations (MBS32CH-010-MBS32CH-063). "Add" suffix - 4K to the end of the part number. (Add \$28 List) Plate is included with this.



For LS4K-LS18K (3 pole)			For LS22K-LS55K (3 pole)		
AC	60Hz	50Hz	AC	60Hz	50Hz
-G	24	24	-G	24	24
-A	120	120	-A	120	120
-B	200	200	-B	200	200
-C	220	220	-C	220	220
-H	277	230	-H	277	230
-E	480	380	-E	480	380
-F	600	500	-F	600	500
DC add \$3.0 to list			DC add \$4.5 to list		
-MSW	12 VDC		-NSW	24-28 VDC	
-NSW	24VDC		-OSW	42-48 VDC	
-OSW	48 VDC		-PSW	110-127 VDC	
-PSW	110 VDC		-RSW	220-250 VDC	
-RSW	220 VDC				

NOTE: Above combinations include auxiliaries on the contactors as "standard".

Contactor	Standard Number Auxiliaries
LS05-LS15K	1 N.O.
LS18K-LS30K	1 N.O. 1 N.C.

*For additional auxiliaries and accessories see pages 109 to 115

For factory modifications see page 116

For dimensions please see page 117