

AEG

Motor Circuit Protectors

MBS32 Series



Approvals

IEC/EN 60947-1
IEC/EN 60947-2
IEC/EN 60947-4-1
VDE 0660
UL 508 (UL/CSA)
Type "E" - Certified

Characteristics

0.1 - 32A (15 Ranges)
Rocker & Rotary Operators
Thermal & Magnetic Protection
Standard & High Breaker Capacity
Phase Failure Protection
Self-Protected Combinations Available
Suitable as a Motor Disconnect
Din-Rail Mountable

Part Number	Amp Range	Horsepower					
		Single Phase		Three Phase			
		115	230	208	230	460	575
MBS32*G001	0.1 - 0.16	-	-	-	-	-	-
MBS32*G002	0.16 - 0.25	-	-	-	-	-	-
MBS32*G004	0.25 - 0.4	-	-	-	-	-	-
MBS32*G006	0.4 - 0.63	-	-	-	-	-	-
MBS32*G010	0.63 - 1.0	-	-	-	-	1/2	1/2
MBS32*G016	1.0 - 1.6	-	1/10	1/4	1/3	3/4	3/4
MBS32*G025	1.6 - 2.5	-	1/6	1/2	1/2	1	1.5
MBS32*G040	2.5 - 4.0	1/8	1/3	3/4	3/4	2	3
MBS32*G063	4.0 - 6.3	1/4	1/2	1	1.5	3	5
MBS32*G100	6.3 - 10	1/2	1.5	2	3	5	7.5
MBS32*G130	9 - 13	1/2	2	3	5	7.5	10
MBS32*G160	11 - 16	1	2	3	5	10	10
MBS32*G200	14 - 20	1.5	3	5	5	10	15
MBS32*G250	19 - 25	2	3	7.5	7.5	15	20
MBS32*G320	24 - 32	2	5	10	10	20	30

* - Replace with "S" for Rocker Type (Standard Interrupting) or "H" For Rotary Type (High Interrupting)



Standard Accessories

Auxiliary Contacts (Side & Top Mountable)
Shunt Trip (Up to 600V)
Undervoltage Trip (Up to 600V)
Enclosure - Surface & Flush Mount (MBS32SG Only)
Enclosure Accessories (Pad-Lock, E-Stop, Pilot Light)
Rotary Handle Kit (MBS32HG Only)
Compact Starter Kit - For use with LSK Contactors *
* - Adhere to UL508E Standards -
Self Protected Combination

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Motor Circuit Protectors

MBS63 Series



Approvals

IEC/EN 60947-1
 IEC/EN 60947-2
 IEC/EN 60947-4-1
 VDE 0660
 UL 508 (UL/CSA)
 Type "E" - Certified

Characteristics

6.3 - 63A (9 Ranges)
 Rotary Operators
 Thermal & Magnetic Protection
 Standard & High Breaker Capacity
 Phase Failure Protection
 Self-Protected Combinations Available
 Suitable as a Motor Disconnect
 Din-Rail Mountable

Part Number	Amp Range	Horsepower					
		Single Phase		Three Phase			
		115	230	208	230	460	575
MBS63*G100	6.3 - 10	1/2	1.5	2	3	5	7.5
MBS63*G130	9 - 13	1/2	2	3	5	7.5	10
MBS63*G160	11 - 16	1	2	3	5	10	10
MBS63*G200	14 - 20	1.5	3	5	5	10	15
MBS63*G250	19 - 25	2	3	7.5	7.5	15	20
MBS63*G320	24 - 32	2	5	10	10	20	30
MBS63*G400	28 - 40	3	7.5	10	10	25	30
MBS63*G500	35 - 50	3	10	15	15	30	40
MBS63*G630	45 - 63	5	10	20	20	40	50

* - Replace with "S" for Standard Interrupting or "H" For High Interrupting

Standard Accessories

Auxiliary Contacts (Side & Top Mountable)
 Shunt Trip (Up to 600V)
 Undervoltage Trip (Up to 600V)
 Rotary Handle Kit (MBS32HG Only)
 Compact Starter Kit - For use with LSK Contactors *
 * - Adhere to UL508E Standards -
 Self Protected Combination



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Motor Circuit Protectors

Standard Accessories



Part Number	Description
MAHS10FB	1NO Aux Contact - Top Mount
MAHS01FB	1NC Aux Contact - Top Mount
MAHS11LL	1NO/1NC Aux Contact - Left Side Mount
MAHS11LR	1NO/1NC Aux Contact - Right Side Mount
MAALRA1	Shunt Trip - 24VAC
MAALRAJ	Shunt Trip - 120VAC
MAALRAM	Shunt Trip - 208VAC
MAALRAN	Shunt Trip - 240VAC
MAALRAW	Shunt Trip - 480VAC
MAALRAY	Shunt Trip - 600VAC
MAALRDD	Shunt Trip - 24 -> 60VDC
MAALRDJ	Shunt Trip - 110 -> 240VDC
MARLRAC	Undervoltage Trip - 24VAC
MARLRAJ	Undervoltage Trip - 120VAC
MARLRAM	Undervoltage Trip - 208VAC
MARLRAN	Undervoltage Trip - 240VAC
MARLRAW	Undervoltage Trip - 480VAC
MARLRAY	Undervoltage Trip - 600VAC
MA32HR	Rotary Handle Kit - IP55 - For MBS32HG Only
MA63HR	Rotary Handle Kit - IP55 - For MBS63 Only
MI55	Surface Mount Enclosure - IP55 - For MBS32SG Only
MIT55	Flush Mount Enclosure - IP55 - For MBS32SG Only
MID	Pad-Lock Kit - For MI55 & MIT55
MIPM	E-Stop Kit - Momentary - For MI55 & MIT55
MIPL	E-Stop Kit - Twist to Release - For MI55 & MIT55
MIPK	E-Stop Kit - Key to Release - For MI55 & MIT55
MILG*	Green Pilot Light
MILR*	Red Pilot Light

* - Replace with "J" - 120VAC, "N" - 208/230VAC, "X" - 480VAC, "Y" - 600VAC

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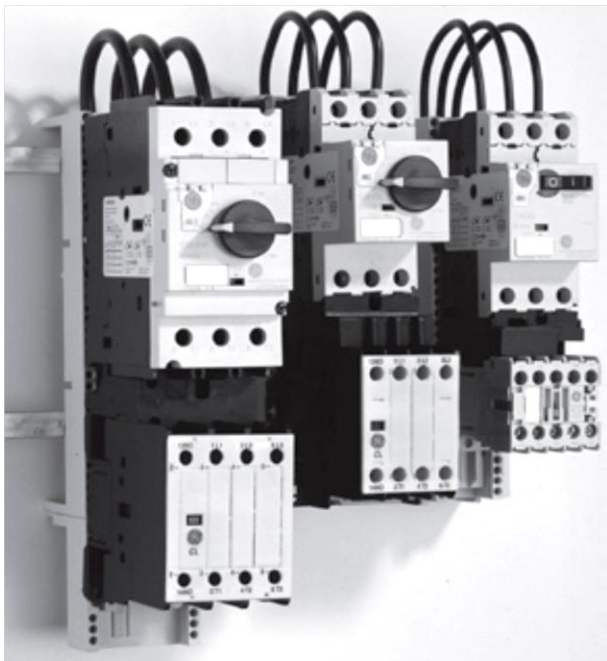
Compact Self-Protected Starters

MBS32 Series



Part Number	Amp Range	Horsepower					
		Single Phase		Three Phase			
		115	230	208	230	460	575
MBS32C*001-4K^	0.1 - 0.16	-	-	-	-	-	-
MBS32C*002-4K^	0.16 - 0.25	-	-	-	-	-	-
MBS32C*004-4K^	0.25 - 0.4	-	-	-	-	-	-
MBS32C*006-4K^	0.4 - 0.63	-	-	-	-	-	-
MBS32C*010-4K^	0.63 - 1.0	-	-	-	-	1/2	1/2
MBS32C*016-4K^	1.0 - 1.6	-	1/10	1/4	1/3	3/4	3/4
MBS32C*025-4K^	1.6 - 2.5	-	1/6	1/2	1/2	1	1.5
MBS32C*040-4K^	2.5 - 4.0	1/8	1/3	3/4	3/4	2	3
MBS32C*063-4K^	4.0 - 6.3	1/4	1/2	1	1.5	3	5
MBS32C*100-7K^	6.3 - 10	1/2	1.5	2	3	5	7.5
MBS32C*130-7K^	9 - 13	1/2	2	3	5	7.5	10
MBS32C*160-7K^	11 - 16	1	2	3	5	10	10
MBS32C*200-11K^	14 - 20	1.5	3	5	5	10	15
MBS32C*250-15K^	19 - 25	2	3	7.5	7.5	15	20
MBS32C*320-15K^	24 - 32	2	5	10	10	20	30

* - Replace with "S" for Rocker Type (Standard Interrupting) or "H" For Rotary Type (High Interrupting)
Coil Suffix (^) - Replace with "G" - 24VAC, "A" - 120VAC, "C" - 208/230VAC, "E" - 480VAC, "F" - 600VAC



Component Assembly Items

MBS32*G
MD32F
MF10S7, MF00S11 or MF00S16
MF32L7A, MF32L11A or MF32L16A
MAHS10FB

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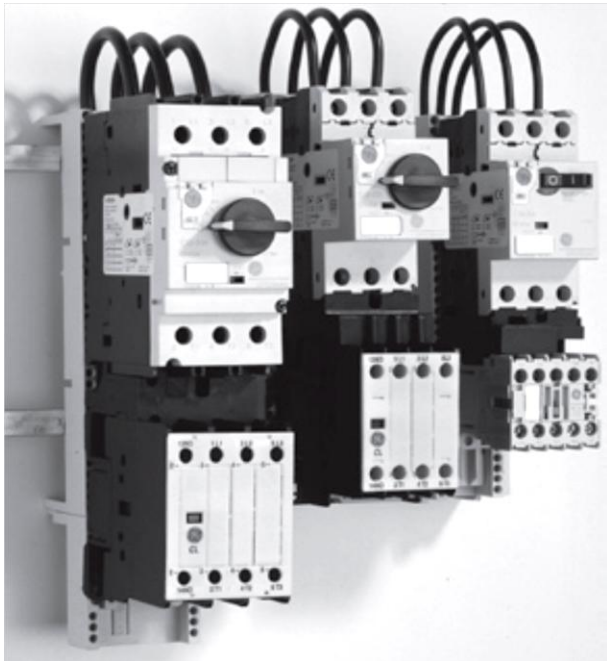
Compact Self-Protected Starters

MBS32 Series



Part Number	Amp Range	Horsepower					
		Single Phase		Three Phase			
		115	230	208	230	460	575
MBS63C*100-15K^	6.3 - 10	1/2	1.5	2	3	5	7.5
MBS63C*130-15K^	9 - 13	1/2	2	3	5	7.5	10
MBS63C*160-15K^	11 - 16	1	2	3	5	10	10
MBS63C*200-15K^	14 - 20	1.5	3	5	5	10	15
MBS63C*250-15K^	19 - 25	2	3	7.5	7.5	15	20
MBS63C*320-18K^	24 - 32	2	5	10	10	20	30
MBS63C*400-22K^	28 - 40	3	7.5	10	10	25	30
MBS63C*500-30K^	35 - 50	3	10	15	15	30	40
MBS63C*630-30K^	45 - 63	5	10	20	20	40	50

* - Replace with "S" for Rocker Type (Standard Interrupting) or "H" For Rotary Type (High Interrupting)
 Coil Suffix (^) - Replace with "G" - 24VAC, "A" - 120VAC, "C" - 208/230VAC, "E" - 480VAC, "F" - 600VAC



Component Assembly Items

- MBS63*G
- MD63F
- MF00S16 or MF00S37
- MF63L16A or MF63L30A
- MAHS10FB

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Motor Circuit Protectors

Components



Part Number	Description
MD32F	Line Side Terminal Adaptor (Required for UL580E Approval @ 600V)
MD63F	Line Side Terminal Adaptor (Required for UL580E Approval @ 600V)
GPAPT1E	*NEW* UL508E Terminal Cover - For MBS32 Series
MF32L7A	Contactor & MBS32 Link - LS4K -> LS7K
MF32L11A	Contactor & MBS32 Link - LS11K
MF32L16A	Contactor & MBS32 Link - LS12K, LS15K-4
MF63L16A	Contactor & MBS63 Link - LS15K-4
MF63L18A	Contactor & MBS63 Link - LS18K
MF63L30A	Contactor & MBS63 Link - LS22K, LS30K
MF10S7	Contactor Terminal Cover - LS4K -> LS7K
MF00S16	Contactor Terminal Cover - LS12K, LS15K-4
MF00S18	Contactor Terminal Cover - LS15K, LS18K
MF00S37	Contactor Terminal Cover - LS22K, LS30K
MD32B02	Line Side Bussbar - 2 Starters (LS4K - LS7K Frame)
MD32B03	Line Side Bussbar - 3 Starters (LS4K - LS7K Frame)
MD32B05	Line Side Bussbar - 5 Starters (LS4K - LS7K Frame)
MD32B12	Line Side Bussbar - 2 Starters (LS12K - LS15K Frame)
MD32B13	Line Side Bussbar - 3 Starters (LS12K - LS15K Frame)
MD32B15	Line Side Bussbar - 5 Starters (LS12K - LS15K Frame)
MD63B02	Line Side Bussbar - 2 Starters (LS22K - LS30K Frame)
MD63B03	Line Side Bussbar - 3 Starters (LS22K - LS30K Frame)
MD63B05	Line Side Bussbar - 5 Starters (LS22K - LS30K Frame)
MD32G	Bussbar Guard - For Open Bar Terminals - MBS32 Series
MD63G	Bussbar Guard - For Open Bar Terminals - MBS63 Series
MAHS10FB	1NO Aux Contact - Top Mount
MAHS01FB	1NC Aux Contact - Top Mount