MBS32 / MBS63
COMBINATION ADVANTAGES

AEG

MBS32 / MBS63 AEG Combination Motor Controllers

OLD WAY		*NEW WAY*		*ADVANTAGES:*
MCCB LS Overload	→	✓ MBS32/63 ✓ LSK Contactor	=	• 1/2 the size! • Cost Savings • Higher Interruption Capacity

1) As of July 2001, UL's new "Self Protected Combination Controller" approval takes effect (Per UL 508 Type E)

2) AEG's type MBS32/63 is UL 508 Type E approved, which permits their use per NEC Code 430-52 in place of the Circuit Breakers or a Fusible Disconnect.

3) The new UL 508 Type E approved AEG Self Protected Combination Controller does not require the UL 489 breaker or extra overload relay! Tremendous product and space savings result!

AEG Combinations, type MBS32/63, are approved as combination starters per UL 508E. (Type 2 Coordination)

Description

AEG MBS32 / MBS63 Series Motor Circuit Controllers offer a complete line of compact, reliable and easy to install Protection Solutions. The MBS Controllers are 100% factory calibrated for precise adjustable current ranges from (0.1 - 63 Amps) in two frame sizes. Both frame sizes, MBS32 and 63 also include magnetic/
s instantaneous short circuit protection.

The **"MBS32 CS" - Combination**
(Rocker lever design)
With a "standard" interruption capacity of 22kA @ 480V.

The **"MBS32 CH" - Combination**
(Rotary lever design)
With a "high" interruption capacity of 50kA @ 480V.

Rating

The MBS32 is available in the current range of 0.1 - 32 Amps with compact $1^{3/4"}$ (45mm) width and the MBS63, with the current range of 6.3 - 63Amps, has $2^{1/8"}$ (55mm) width. For application versatility & users preference, the "MBS32" version is designed with two operator options. One type is the rocker lever design, the other is a rotary design (seen to left of page).

Accessories

The unique design of MBS32/MBS63 Motor Circuit Controllers have many common accessory kits that work with both MBS32 & MBS63 models. This reduces the need for additional inventory and saves additional costs.
The accessories include:

- **Front & Side Mount Auxiliaries**
  (Flexibility to meet space requirement)
- **Alarm Contacts**
  (Short circuit with reset indicator aux/alarm & overload alarm)
- **Shunt Trip**
  (For remote trip requirements)
- **Undervoltage Trip**
  (For safety measures, no dangerous automatic restarts when power comes back on)

Combination with contactor Type 2 Coordination

General Applications

- **Combination Controller** ***(self protected)***
- Manual Motor Controller
- Group Installed Controller

Specific Additional Applications

- Type 2 Coordination - IEC / EN60947-4-1
- Disconnects
- Main Switch
- Circuit Breaker *(IEC 947-2)*