

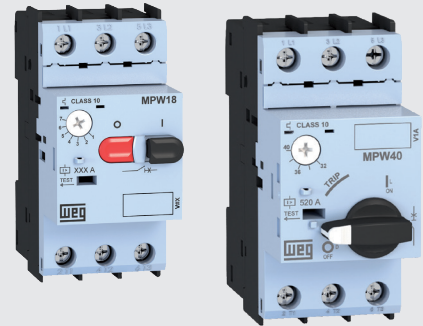
# MPW Series - Manual Motor Protectors



## Compact and Powerful Solutions

### MPW Series Manual Motor Protectors

*Compact and powerful protection solutions for various industrial applications. WEG offers MPW series three-pole manual motorprotectors from 0.1A to 100A that meet the UL requirements for self-protected motor controllers in type E and F applications. A wide range of snap-on accessories allow fast and compact assembly for group motor control.*



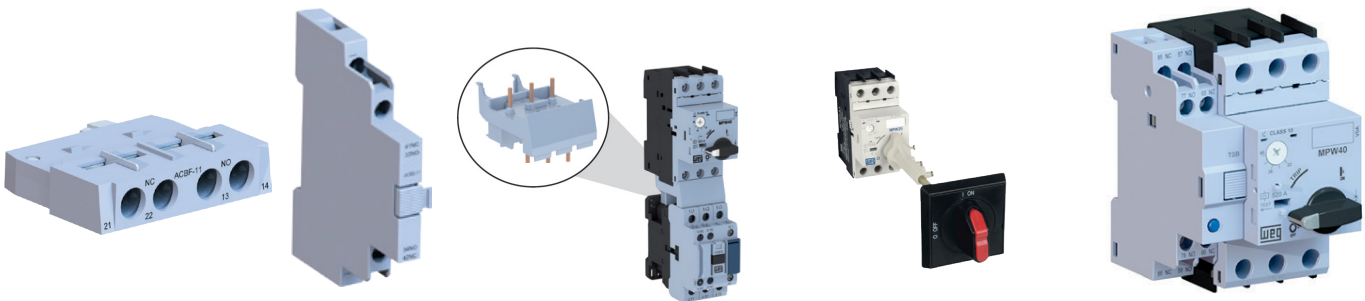
UL File No. E172121

### Standard Features

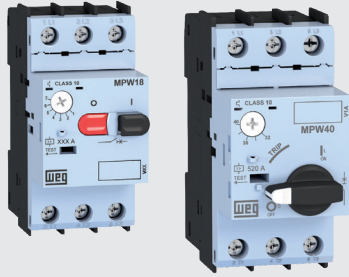
- High short-circuit interrupting capacity up to 65kA and 100kA (with current limiter) at 480VAC
- Built-in protection: motor disconnect, short-circuit protection, motor control, and overload protection
- Phase loss sensitivity protection
- Suitable for manual motor controller, group installation, and compact combination starters:
  - UL Type-E manual self-protected combination motor starters
  - UL Type-F combination motor starters

### Wide Range of Accessories

- Auxiliary contact blocks and link modules
- Current limiters, under-voltage and shunt block releases
- Through-the-door rotary handles and IEC enclosures
- Mounting adapters, busbar systems, scale covers, push-in lugs, shrouds for unused terminals, and insulators
- UL Type-F combination motor starters

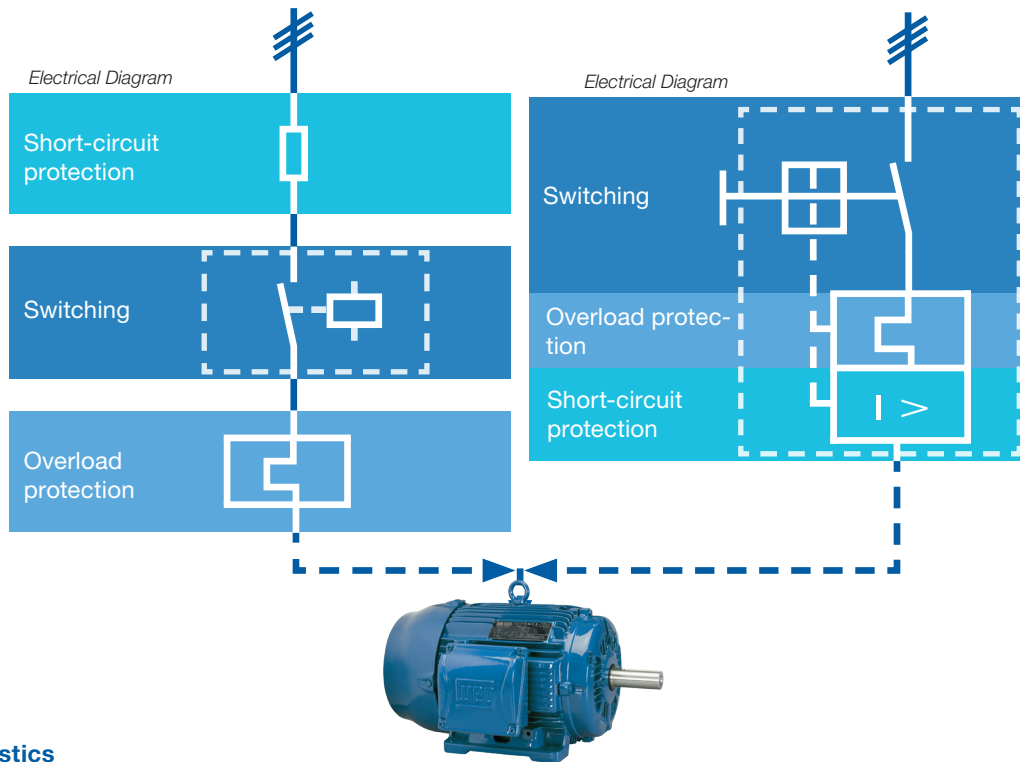


# Manual Motor Protectors – MPW Series



Motor Protective Circuit Breakers of **MPW** line, the best solution for **operating and protection** of your **electric motor**.

*3 Functions in a Single Product!*



## Characteristics

| Type                              | Conventional starter                                             | Compact starter                                   |
|-----------------------------------|------------------------------------------------------------------|---------------------------------------------------|
| Number of components              | 3 components (fuse <sup>1)</sup> + contactor+ thermal O/L relay) | 1 component (motor circuit breaker termomagnetic) |
| Short-circuit protection          | Yes                                                              | Yes                                               |
| Switching                         | Yes                                                              | Yes                                               |
| Motor overload protection         | Yes                                                              | Yes                                               |
| Reset after short-circuit         | No                                                               | Yes                                               |
| Reset after overload              | Yes                                                              | Yes                                               |
| Overall dimension                 | Larger                                                           | Smaller                                           |
| Mounting time                     | Long                                                             | Short                                             |
| Scale cover                       | No                                                               | Yes (with accessory)                              |
| Safety disconnect for maintenance | Fuse removal                                                     | Padlock on handle/button in OFF position          |
| Operational status signalling     | No                                                               | Yes                                               |
| Protection degree                 | Smaller                                                          | Bigger                                            |
| Number of connections             | Bigger                                                           | Smaller                                           |
| Maximum operation per hour        | 15 operations/hour                                               | 15 operations/hour                                |
| Operation mode                    | Remote                                                           | Manual                                            |



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