Features & Benefits:
- ABB’s MS132 manual motor protectors are suitable for use with single and three phase motors up to 25 hp.
- Suitable as motor disconnect in single motor application
- Bolted flange design provides clear access to internal components
- Front mounted handle is padlock-able in either “on” or “off” position
- Durable cast on mounting feet. Contact factory for optional “bullwinkle” style mounting footprint, allowing installation in any application fast and easy
- Watertight O-ring for NEMA 4X applications

Options:
- Auxiliary contacts, signaling contacts, under voltage releases, and shunt trips are available as accessory
- Conduit (NPT & Metric) and device (NPSM) drilling & tapping
- Custom machining - milling, counter-boring, spot-facing, blind drilled holes, entries, chamfers

Applications:
- XPMMS is a simple, compact and economical alternative to conventional magnetic motor controllers for local control of a single motor
- For manual across-the-line starting of single and polyphase AC motors
- To provide motor running protection and manual starting and stopping
- In locations made hazardous due to the presence of flammable vapors, gases, or high combustible dusts

Construction / Materials / Finishes:
- Body and cover - copper-free Aluminum (3/10 of 1% max content), with a tumblast natural aluminum finish
- Mounting – Galvanized steel DIN rail
- Rotary actuating handle – copper-free aluminum
- Gasket – Nitrile rubber
- Cover Bolts – premium, high strength standard steel cover bolts are zinc-plated and coated

Conforms to:
- Class I, Divisions 1 & 2, Groups C, D
- Class II, Divisions 1 & 2, Groups E, F, G
- UL Standard 1203 (Classified)
- CSA C22.2 No.30
- Enclosure NEMA Type 4, 7 & 9

Electrical Ratings
- Single Phase 120, 240 VAC; Three Phase 240, 480, 600 VAC
- Horsepower - see table

Weights
All enclosure sizes are 8.5 lbs
## Product selection

<table>
<thead>
<tr>
<th>Enclosure With Starter</th>
<th>Max horsepower</th>
<th>Part number</th>
<th>ABB Starter only</th>
<th>Motor Rating 1-Phase</th>
<th>Motor Rating 3-Phase</th>
<th>Rated Instantaneous short-circuit current Setting I, [A]</th>
<th>Rated Current</th>
<th>Conventional free-air Thermal current</th>
<th>[A]</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>XPMMS1</td>
<td>MS132-0.16</td>
<td>- 0.16 0.96</td>
<td>- 1.25 1.87</td>
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<td>MS132-0.25</td>
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<td>- 1.95 2.92</td>
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<td>MS132-0.4</td>
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<td>MS132-1.0</td>
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<td>- 9.2 13.8</td>
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<td>MS132-1.6</td>
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<td>- 14.7 22.1</td>
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<td>MS132-2.5</td>
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<td>- 23.4 34.5</td>
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<td>XPMMS8</td>
<td>MS132-4.0</td>
<td>½ 4 24</td>
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<td>XPMMS9</td>
<td>MS132-6.3</td>
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<td>- 63 94.5</td>
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</table>

Notes:
- Manual motor starters should always be selected so that the actual motor current is within the setting range. Horsepower (hp) ratings are for reference only.
- hp = Horsepower, FLA = Full Load Amps and LRA = Locked Rotor Amps
- To order enclosure without starter, use part number: XPMMS-NS.
- Product must be installed in accordance with applicable national and local electrical codes.

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### Ordering instructions:

To order any motor control starter product, use the catalog number followed by any option desired, separate options selected with dashes.

- **Catalog number and selector guides**
  - Manual motor starter with ABB® MS132-0.16 manual starter. See table below for motor ratings for single and three phase applications. (Example XPMMS1EE)
  - Product options - see table below
  - The following options are available from the factory by adding suffix to catalog number – suffixes are added alphabetically

### Explosion proof

- **Manual motor starter**
- **Rated current** (see below)
- **Option** (see below)

### Product options

<table>
<thead>
<tr>
<th>Description</th>
<th>Suffix</th>
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<tbody>
<tr>
<td>Auxiliary Contacts (1NO, 1NC)</td>
<td>AC</td>
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<tr>
<td>Shunt Trip (specify voltage)</td>
<td>ST1</td>
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<tr>
<td>Under Voltage Release (specify voltage)</td>
<td>UV1</td>
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<tr>
<td>Breather / Drain Installed in Bottom</td>
<td>EE</td>
</tr>
<tr>
<td>Tripped Alarm Signal - Contacts (1NO, 1NC)</td>
<td>TA</td>
</tr>
<tr>
<td>Short-Circuit Alarm - Contacts (1NO, 1NC)</td>
<td>SC</td>
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