SMISSLINE TP-Touch proof system
Adaptor for MS116, MS132
and AF contactors
SMISSLINE TP plug-in socket system
MS116/MS132 with AF contactor

Combination MS116/MS132 with AF contactor as pluggable unit
The new combi module enables quick mounting of motor starter units on the SMISSLINE plug-in socket system.

The combi module is specially designed for the new ABB motor circuit breakers MS116 and MS132 and the AF series of contactors.

The devices can be easily mounted and wired on the combi module. The complete unit can be clicked on to the plug-in socket system quickly and safely. The input wiring is then already finished. The control voltage can be integrated into the busbar system and be connected on the combi modul.

- Time-saving mounting of motor starter units up to 30 percent faster than conventional DIN rail mounting
- Simple and quick extension or change
- Input wiring is already integrated in the SMISSLINE plug-in socket system
Simple mounting on combi module

power supply voltage

control voltage
Mounting possibilities
Combi module: starting solutions in kit form

Direct-On-Line Starters
MS116
+ BEA16-4
+ AF09, AF12, AF16

MS116 up to 16 A
+ BEA26-4
+ AF26, AF30, AF38

MS116 > 16 A
+ BEA38-4
+ AF26, AF30, AF38

MS132
+ BEA16-4
+ AF09, AF12, AF16

MS132 up to 10 A
+ BEA26-4
+ AF26, AF30, AF38

MS132 > 10 A
+ BEA38-4
+ AF26, AF30, AF38

Reversing Starters
MS116
+ BEA16-4, BER16-4, VEM4
+ AF09, AF12, AF16

MS116 up to 16 A
+ BEA26-4, BER38-4, VEM4
+ AF26, AF30, AF38

MS116 > 16 A
+ BEA38-4, BER38-4, VEM4
+ AF26, AF30, AF38

MS132
+ BEA16-4, BER16-4, VEM4
+ AF09, AF12, AF16

MS132 up to 10 A
+ BEA26-4, BER38-4, VEM4
+ AF26, AF30, AF38

MS132 > 10 A
+ BEA38-4, BER38-4, VEM4
+ AF26, AF30, AF38

Mounting possibilities on the combi module:
The following combinations of contactor, motor circuit breaker and connector are possible on the combi module.
Adaptor for MS116/MS132

The new adaptor is specifically designed for the two motor circuit breakers MS116 and MS132 on the SMISLINE plug-in socket system.

With a module width of 45 mm (2 1/2 modules), the motor circuit breakers can be mounted on the socket base optimally. The height of the adapter corresponds to the height of the universal adaptor or combi module.

- Space-saving solution in 45 mm module width
- Energy distribution of motor outlets on one socket base series to 200 A power supply possible
- Combination with motor starter units combi module on same height possible
- Integrated control voltage possible
### Combi module for MS116/MS132 and AF contactor

<table>
<thead>
<tr>
<th>Designation</th>
<th>Type name</th>
<th>ABB IT number</th>
<th>EAN number</th>
<th>Packaging unit</th>
<th>Module weight (gramm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combi module L1, L2, L3 wire top</td>
<td>ZMS132-3L</td>
<td>2CCA182500R0001</td>
<td>1414641</td>
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<tr>
<td>Combi module L1, L2, L3 wire top</td>
<td>ZMS132-3LA</td>
<td>2CCA182502R0001</td>
<td>1414634</td>
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<tr>
<td>Combi module L1, L2, L3 wire top</td>
<td>ZMS132-3LB</td>
<td>2CCA182504R0001</td>
<td>1414627</td>
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<tr>
<td>Combi module L1, L2, L3 wire top</td>
<td>ZMS132-3LAB</td>
<td>2CCA182506R0001</td>
<td>1414610</td>
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<td>2.5</td>
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<tr>
<td>Combi module without plug-in contacts including 2 Din Adaptor MS/AF, plus 2 Din Adaptor MS/AF</td>
<td>ZMS137</td>
<td>2CCA182508R0001</td>
<td>1414603</td>
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<tr>
<td>Connection pin to mont 2 combi modules together</td>
<td>E210-SPV</td>
<td>2CCC703715R0001</td>
<td>1414801</td>
<td>Set à 30</td>
<td>4</td>
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<tr>
<td>9 mm wide additional housing</td>
<td>ZMS935</td>
<td>2CCA182616R0001</td>
<td>1414412</td>
<td>1</td>
<td>0.5</td>
</tr>
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</table>

### Adaptor for manual motor starter MS116 and MS132

<table>
<thead>
<tr>
<th>Designation</th>
<th>Type name</th>
<th>ABB IT number</th>
<th>EAN number</th>
<th>Packaging unit</th>
<th>Module weight (gramm)</th>
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<tbody>
<tr>
<td>Adaptor MS116/132 L1L2L3 bottom feed</td>
<td>ZMS930</td>
<td>2CCA182520R0001</td>
<td>1414597</td>
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<tr>
<td>Adaptor MS116/132 L1L2L3LALB bottom feed</td>
<td>ZMS931</td>
<td>2CCA182522R0001</td>
<td>1414580</td>
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<tr>
<td>Adaptor MS116/132 L1L2L3 top feed</td>
<td>ZMS932</td>
<td>2CCA182524R0001</td>
<td>1414573</td>
<td>1</td>
<td>2.5</td>
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<tr>
<td>Adaptor MS116/132 L1L2L3LALB top feed</td>
<td>ZMS933</td>
<td>2CCA182526R0001</td>
<td>1414566</td>
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<td>2.5</td>
</tr>
<tr>
<td>Adaptor MS116/132 without plug-in contacts</td>
<td>ZMS934</td>
<td>2CCA182512R0001</td>
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<tr>
<td>9 mm wide additional housing</td>
<td>ZMS935</td>
<td>2CCA182616R0001</td>
<td>1414412</td>
<td>1</td>
<td>0.5</td>
</tr>
<tr>
<td>Adaptor MS116/132 L1L2L3LALB bottom feed</td>
<td>ZMS936</td>
<td>2CCA182521R0001</td>
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<td>1</td>
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<tr>
<td>Adaptor MS116/132 L12L3LA top feed</td>
<td>ZMS937</td>
<td>2CCA182525R0001</td>
<td>1424626</td>
<td>1</td>
<td>2.5</td>
</tr>
</tbody>
</table>

The 9 mm wide additional housing is need to use when an unequal number (1, 3, 5, ...) of combi modules or adaptor are plugged on the socket. This is needed to fill the space into a full module (18 mm).

The 9 mm wide additional housing can be also use when on one side of the manual motor starter an auxiliary contact is mounted.

The order codes of manual motor starter and the contactors are in the ABB catalogue DOC 1SBC100155C0202 or in the local ABB catalogue.
Technical data / Dimensions

**Technical data**
- **Rated voltage Ue:** 230/400/690 V AC, 1000 V DC
- **Rated current:** L1, L2, L3 max. 32 A LA, LB max. 6 A
- **Rated frequency fn:** 50/60 Hz
- **Mounting position:** any
- **Ambient temperature:** –25 °C ... +55 °C
- **Standards:** EN/IEC 60439-1, 60439-2, UL508

**Dimensions (in mm)**
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