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System Design

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**Frames**

Inserts for the D-Life range can be found under “System Design/Inserts”.

### D-Life frame, 1-gang

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN4010-6535</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN4010-6534</td>
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<tr>
<td>sahara</td>
<td>MTN4010-6533</td>
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<tr>
<td>stainless steel</td>
<td>MTN4010-6536</td>
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</table>

For vertical and horizontal installation.

### D-Life frame, 2-gang

<table>
<thead>
<tr>
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<tbody>
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<td>stainless steel</td>
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</table>

For vertical and horizontal installation.

### D-Life frame, 3-gang

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<thead>
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<th>Version</th>
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<tr>
<td>stainless steel</td>
<td>MTN4030-6536</td>
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For vertical and horizontal installation.
### Cover frame

#### D-Life frame, 4-gang

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<thead>
<tr>
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<td>stainless steel</td>
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</table>

For vertical and horizontal installation.

#### D-Life frame, 5-gang

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
<tr>
<td>Thermoplastic</td>
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<td>anthracite</td>
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<tr>
<td>stainless steel</td>
<td>MTN4050-6536</td>
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</table>

For vertical and horizontal installation.
Inserted for the D-Life range can be found under “System Design/Inserts”.

### D-Life Metal frame, 1-gang

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<tr>
<th>Version</th>
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<tbody>
<tr>
<td>Metal</td>
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<tr>
<td>champagne metallic</td>
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For vertical and horizontal installation.

### D-Life Metal frame, 2-gang

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<tbody>
<tr>
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<td>mocca metallic</td>
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</table>

For vertical and horizontal installation.

### D-Life Metal frame, 3-gang

<table>
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<tbody>
<tr>
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<tr>
<td>mocca metallic</td>
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</tbody>
</table>

For vertical and horizontal installation.
Merten D-Life Metal

Cover frame

D-Life Metal frame, 4-gang

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<tbody>
<tr>
<td>Metal</td>
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<td>mocca metallic</td>
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</table>

For vertical and horizontal installation.

D-Life Metal frame, 5-gang

<table>
<thead>
<tr>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td>Metal</td>
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<td>nickel metallic</td>
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<tr>
<td>mocca metallic</td>
<td>MTN4050-6552</td>
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</table>

For vertical and horizontal installation.
Inserts for the D-Life range can be found under “System Design/Inserts”.

### D-Life Glass frame, 1-gang

<table>
<thead>
<tr>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td>Crystal white</td>
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For vertical and horizontal installation.

### D-Life Glass frame, 2-gang

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For vertical and horizontal installation.

### D-Life Glass frame, 3-gang

<table>
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<tbody>
<tr>
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<td>Onyx black</td>
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</tbody>
</table>

For vertical and horizontal installation.
### Merten D-Life Glass

#### Cover frame

**D-Life Glass frame, 4-gang**

<table>
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<tbody>
<tr>
<td>Crystal white</td>
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<tr>
<td>Onyx black</td>
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For vertical and horizontal installation.

**D-Life Glass frame, 5-gang**

<table>
<thead>
<tr>
<th>Version</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Crystal white</td>
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</tr>
<tr>
<td>Onyx black</td>
<td>MTN4050-6503</td>
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For vertical and horizontal installation.
Frames

Inserts for the D-Life range can be found under “System Design/Inserts”.

**D-Life Stone frame, 1-gang**

<table>
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<tr>
<th>Version</th>
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<tbody>
<tr>
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<td>slate polished</td>
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</table>

For vertical and horizontal installation.

**D-Life Stone frame, 2-gang**

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<thead>
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</thead>
<tbody>
<tr>
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For vertical and horizontal installation.

**D-Life Stone frame, 3-gang**

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Stone</td>
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<tr>
<td>slate polished</td>
<td>MTN4030-6547</td>
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</tbody>
</table>

For vertical and horizontal installation.
Merten D-Life Stone

Cover frame

D-Life Stone frame, 4-gang

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
<tr>
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For vertical and horizontal installation.

D-Life Stone frame, 5-gang

<table>
<thead>
<tr>
<th>Version</th>
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</tr>
</thead>
<tbody>
<tr>
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<td>MTN4050-6547</td>
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</table>

For vertical and horizontal installation.
## Rockers for single switches/push-buttons

<table>
<thead>
<tr>
<th>Rocker</th>
<th>Rocker marked 0/1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>Art. no.</td>
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<td>Thermoplastic</td>
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<tr>
<td>sahara</td>
<td>MTN3300-6033</td>
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<tr>
<td>stainless steel</td>
<td>MTN3300-6036</td>
</tr>
<tr>
<td>Metal</td>
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<td>nickel metallic</td>
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<tr>
<td>mocca metallic</td>
<td>MTN3300-6052</td>
</tr>
</tbody>
</table>

For two-way switch, intermediate switch and push-button insert.  
To be completed with: Single switches/push-buttons

<table>
<thead>
<tr>
<th>Rocker with labelling field</th>
<th>Rocker with labelling field and marked Bell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>Art. no.</td>
</tr>
<tr>
<td>Thermoplastic</td>
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<tr>
<td>stainless steel</td>
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<td>Metal</td>
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<tr>
<td>champagne metallic</td>
<td>MTN3360-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN3360-6052</td>
</tr>
</tbody>
</table>

For permanent labelling.  
For two-way switch, intermediate switch and push-button.  
To be completed with: Single switches/push-buttons  
Contents: 4 pictograms (1 service, 1 light, 1 bell, 1 neutral) per rocker.
Controls

Rocker with rectangular indicator window for symbols

<table>
<thead>
<tr>
<th>Version</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
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<tr>
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<tr>
<td>champagne metallic</td>
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</tr>
<tr>
<td>mocca metallic</td>
<td>MTN3350-6052</td>
</tr>
</tbody>
</table>

For control switch and push-button insert. To be completed with: Single switches/push-buttons

Accessories: Symbols, rectangular MTN395569, MTN395669, MTN395769, MTN395869, MTN395900

Contents: Including set of symbols for each rocker: 1 light (clear), 1 key (clear), 1 bell (clear), 1 neutral (clear), 1 neutral (red transparent).

Rocker IP44

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<tbody>
<tr>
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<tr>
<td>stainless steel</td>
<td>MTN3304-6036</td>
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</tbody>
</table>

For two-way switch, intermediate switch and push-button insert.

Type of protection: IP 44 splash-proof

To be completed with: Single switches/push-buttons

Contents: Rocker with gasket set, 2-part.

Rocker with indicator window

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
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<tr>
<td>stainless steel</td>
<td>MTN3320-6036</td>
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<tr>
<td>mocca metallic</td>
<td>MTN3320-6052</td>
</tr>
</tbody>
</table>

For control switch and push-button insert. To be completed with: Single switches/push-buttons

Rocker with indicator window and marked Bell

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
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<tbody>
<tr>
<td>Thermoplastic</td>
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<tr>
<td>mocca metallic</td>
<td>MTN3325-6052</td>
</tr>
</tbody>
</table>

For control switch and push-button insert. To be completed with: Single switches/push-buttons
Single switches/push-buttons

**QuickFlex**

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised retaining ring insulated to the claw.

**One-way switch insert 1 pole**

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3111-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for switches/push-buttons MTN3901-0000
- MTN3901-0006
- MTN3921-0000

**One-way switch insert 1 pole with separate signalling contact**

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3114-0000</td>
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</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for switches/push-buttons MTN3901-0000
- MTN3901-0006
- MTN3921-0000
Controls

One-way switch insert 1 pole with indicator light

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3101-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3601-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screw terminals with lift clamp</td>
<td>MTN3501-0000</td>
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</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fasteening screws for securing of claws.
- Quick-fasteening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

To be completed with: Rockers for switches/push-buttons System M
Rockers for switches/push-buttons System Design
Rockers for switches/push-buttons Artec, Antik
Rockers for switches/push-buttons Aquadesign

Contents: With red 230 V lighting module for switch/push-button.

One-way switch insert 1 pole with locator light

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3131-0000</td>
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</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fasteening screws for securing of claws.
- Quick-fasteening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

To be completed with: Rockers for switches/push-buttons System M
Rockers for switches/push-buttons System Design
Rockers for switches/push-buttons Artec, Antik
Rockers for switches/push-buttons Aquadesign

Contents: With red 230 V lighting module for switch/push-button.
### Controls

**One-way switch insert 2 pole**

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
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</tr>
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<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3612-0000</td>
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</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for switches/push-buttons MTN3901-0000
- MTN3901-0006
- MTN3921-0000

**One-way switch insert 2 pole with indicator light**

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3102-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3602-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screw terminals with lift clamp</td>
<td>MTN3502-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Contents:**
- With red 230 V lighting module for switch/push-button.

**Rocker switch insert 20 A**

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>one-way, 2-pole</td>
<td>MTN311201</td>
</tr>
</tbody>
</table>

20 A, AC 250 V

With screw terminals.

With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign
Rocker switch insert 16 A

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>one-way, 3-pole,</td>
<td>MTN311300</td>
</tr>
<tr>
<td>screw terminals</td>
<td></td>
</tr>
</tbody>
</table>

16 AX, AC 400 V
Illuminated.
With screw terminals.
With claw and screw fixing.
To be completed with: Rockers for switches/push-buttons System M
Rockers for switches/push-buttons System Design
Rockers for switches/push-buttons Artec, Antik
Rockers for switches/push-buttons Aquadesign

Two-way switch insert 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC,</td>
<td>MTN3116-0000</td>
</tr>
<tr>
<td>screwless terminals</td>
<td></td>
</tr>
<tr>
<td>16 AX, 250 V AC,</td>
<td>MTN3616-0000</td>
</tr>
<tr>
<td>screwless terminals</td>
<td></td>
</tr>
<tr>
<td>16 AX, 250 V AC,</td>
<td>MTN3516-0000</td>
</tr>
<tr>
<td>screw terminals with</td>
<td></td>
</tr>
<tr>
<td>lift clamp</td>
<td></td>
</tr>
</tbody>
</table>

Features:
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
With claw and screw fixing.
To be completed with: Rockers for switches/push-buttons System M
Rockers for switches/push-buttons System Design
Rockers for switches/push-buttons Artec, Antik
Rockers for switches/push-buttons Aquadesign

Accessories: LED lighting module for switches/push-buttons MTN3901-0000
MTN3901-0006
MTN3921-0000
# Controls

## Two-way switch insert 1 pole with indicator light

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3106-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3606-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screw terminals with lift clamp</td>
<td>MTN3506-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

*To be completed with:* Rockers for switches/push-buttons System M
Rockers for switches/push-buttons System Design
Rockers for switches/push-buttons Artec, Antik
Rockers for switches/push-buttons Aquadesign

*Contents:* With red 230 V lighting module for switch/push-button.

## Two-way switch insert 1 pole with locator light

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3136-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3636-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screw terminals with lift clamp</td>
<td>MTN3536-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

*To be completed with:* Rockers for switches/push-buttons System M
Rockers for switches/push-buttons System Design
Rockers for switches/push-buttons Artec, Antik
Rockers for switches/push-buttons Aquadesign

*Contents:* With red 230 V lighting module for switch/push-button.
Intermediate switch insert 1 pole

**Version** | **Art. no.**
---|---
10 AX, 250 V AC, screwless terminals | MTN3117-0000
16 AX, 250 V AC, screwless terminals | MTN3617-0000
16 AX, 250 V AC, screw terminals with lift clamp | MTN3517-0000

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for switches/push-buttons MTN3901-0000
- MTN3901-0006
- MTN3921-0000

Intermediate switch insert 1 pole with locator light

**Version** | **Art. no.**
---|---
10 AX, 250 V AC, screwless terminals | MTN3137-0000
16 AX, 250 V AC, screwless terminals | MTN3637-0000

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Contents:**
- With red 230 V lighting module for switch/push-button.
Push-button insert make contact 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A, AC 250 V, screwless terminals</td>
<td>MTN3150-0000</td>
</tr>
<tr>
<td>10 A, AC 250 V, screw terminals with lift clamp</td>
<td>MTN3050-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

To be completed with:
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

Accessories: LED lighting module for switches/push-buttons MTN3901-0000 MTN3901-0006 MTN3921-0000

Push-button insert make contact 1 pole with separate signalling contact

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A, AC 250 V, screwless terminals</td>
<td>MTN3154-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

To be completed with:
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

Accessories: LED lighting module for switches/push-buttons MTN3901-0000 MTN3901-0006 MTN3921-0000
**Push-button insert make contact 1 pole with locator light**

**Version** | **Art. no.**
---|---
10 A, AC 250 V, screwless terminals | MTN3160-0000
16 A, 250 V AC, screw terminals with lift clamp | MTN3560-0000

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Contents:** With red 230 V lighting module for switch/push-button.

---

**Push-button insert break contact 1 pole with neutral terminal**

**Version** | **Art. no.**
---|---
10 A, AC 250 V, screwless terminals | MTN3151-0000

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Accessories:** LED lighting module for switches/push-buttons MTN3901-0000
- MTN3901-0006
- MTN3921-0000
Push-button insert two-way 1 pole with neutral terminal

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A, AC 250 V, screwless terminals</td>
<td>MTN3156-0000</td>
</tr>
<tr>
<td>10 A, AC 250 V, screw terminals with lift clamp</td>
<td>MTN3056-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

**To be completed with:**
- Rockers for switches/push-buttons System M
- Rockers for switches/push-buttons System Design
- Rockers for switches/push-buttons Artec, Antik
- Rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for switches/push-buttons MTN3901-0000
- MTN3901-0006
- MTN3921-0000

---

**Rockers for double switches/push-buttons**

**Rockers for two-circuit, double two-way switch and double push-button insert.**

**To be completed with:**
- Double switches/push-buttons

<table>
<thead>
<tr>
<th>Rocker 2-gang</th>
<th>Rocker 2-gang with indicator window</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>Art. no.</td>
</tr>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN3400-6035</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN3400-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN3400-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN3400-6036</td>
</tr>
<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN3400-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN3400-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN3400-6052</td>
</tr>
</tbody>
</table>

For two-circuit, double two-way switch and double push-button insert.

**To be completed with:**
- Double switches/push-buttons
Rocker 2-gang with indicator window and marked for DND

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN3429-6035</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN3429-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN3429-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN3429-6036</td>
</tr>
<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN3429-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN3429-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN3429-6052</td>
</tr>
</tbody>
</table>

Rocker with imprint of bell crossed through / symbol for cleaning service.

To be completed with: Double switches/push-buttons

### Double switches/push-buttons

#### QuickFlex

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised retaining ring insulated to the claw.

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3115-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3615-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screw terminals with lift clamp</td>
<td>MTN3515-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

To be completed with:

- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for double switches/push-buttons as locator light MTN3942-0000
### Two-circuit switch insert 1 pole with neutral terminal

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3125-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
With claw and screw fixing.

**To be completed with:**
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for double switches/push-buttons as locator light  MTN3942-0000
- LED lighting module for double switch/push-button as indicator light  MTN3902-0000
- MTN3922-0000

### Two-circuit switch insert 1 pole with indicator light

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3105-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3605-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
With claw and screw fixing.

**To be completed with:**
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

**Contents:**
- With red 230 V LED lighting module for double switch/push-button as indicator light.
Two-circuit switch insert 1 pole with locator light

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3135-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3635-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screw terminals with lift clamp</td>
<td>MTN3535-0000</td>
</tr>
</tbody>
</table>

Features:
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

To be completed with:
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

Contents:
- With red 230 V LED lighting module for double switch/key as locator light

Double two-way switch insert 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3126-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screwless terminals</td>
<td>MTN3626-0000</td>
</tr>
<tr>
<td>16 AX, 250 V AC, screw terminals with lift clamp</td>
<td>MTN3526-0000</td>
</tr>
</tbody>
</table>

Features:
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

To be completed with:
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

One-way switch 1 pole/ One-way switch 2 pole insert

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>one-way, 1-pole/ one-way, 2-pole, screw terminals</td>
<td>MTN312000</td>
</tr>
</tbody>
</table>

The left rocker is designed as a one-way switch 1 pole and the right rocker is a one-way switch 2 pole.

With claw and screw fixing.
Two-way switch and two-way push button insert

The left rocker is designed as a 10 AX, 250 V AC two-way switch and the right rocker is a 10 A, 250 V AC push-button.

**Features:**
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

Double push-button insert make contact 1 pole

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

**Accessories:**
- LED lighting module for double switches/push-buttons as locator light

Double push-button insert make contact 1 pole with locator light

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

**Contents:**
- With red 230 V LED lighting module for double switch/key as locator light
Controls

Double push-button insert two-way 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A, AC 250 V, screwless terminals</td>
<td>MTN3159-0000</td>
</tr>
<tr>
<td>10 A, AC 250 V, screw terminals with lift clamp</td>
<td>MTN3059-0000</td>
</tr>
</tbody>
</table>

Features:

- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign

Double push-button insert 1 make contact 1 pole + 1 break contact 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A, AC 250 V, screwless terminals</td>
<td>MTN3153-0000</td>
</tr>
</tbody>
</table>

Features:

- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Double rockers for switches/push-buttons System M
- Rocker 2-gang for switches/push-buttons System Design
- Rocker 2-gang for switches/push-buttons Artec, Antik
- Double rockers for switches/push-buttons Aquadesign
Comfort controls

Rotary dimmers

- Surface-mounted visible installation possible in conjunction with surface-mounted housing.
- The following applies for all types of dimmers: If the dimmers cannot dissipate sufficient heat (cavity walls, multiple combinations and surface-mounted combinations), the connected loads specified may not be exploited to the maximum.

Explanation of symbols:
- 230 V incandescent lamps
- 230 V halogen lamps
- Dimmable, wound transformers
- Dimmable, electronic transformers
- Electric motors

Central plate with rotary knob

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN5250-6035</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN5250-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN5250-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN5250-6036</td>
</tr>
<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN5250-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN5250-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN5250-6052</td>
</tr>
</tbody>
</table>

For System Design.
Illuminated.
To be completed with: Universal rotary dimmer insert MTN5138-0000
MTN5139-0000
Rotary dimmer insert for ohmic load with on/off switch MTN5131-0000
Rotary dimmer insert for inductive load MTN5133-0000
MTN5135-0000
Rotary dimmer insert for capacitive load MTN5136-0000
MTN5137-0000
Electronic potentiometer insert 1-10 V MTN5142-0000
Accessories: LED lighting module for rotary dimmers MTN5300-0002
Comfort controls

LED lighting module for rotary dimmers

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>white</td>
<td>MTN5300-0002</td>
</tr>
</tbody>
</table>

For installation in the relevant central plate with rotary knob. This is plugged into the matching rotary dimmer together with the lighting module. The LED lighting module creates a subtle halo of light around the rotary knob.

To be completed with: Universal rotary dimmer insert MTN5138-0000 MTN5139-0000
Rotary dimmer insert for inductive load MTN5133-0000
Rotary dimmer insert for capacitive load MTN5136-0000 MTN5137-0000

To be completed with: Central plate with rotary knob System Design MTN5250-60..
Note: With light colour central plates, the lighting module has a higher luminosity than with dark colour central plates.

Universal rotary dimmer insert

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-420 WVA</td>
<td>MTN5138-0000</td>
</tr>
<tr>
<td>20-600 WVA</td>
<td>MTN5139-0000</td>
</tr>
</tbody>
</table>

AC 230 V, 50 Hz
For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.

Phase control or phase alignment
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With push-rotary two-way switch.

To be completed with: Central plate with rotary knob System M MTN5250-03../-04..
Central plate with transparent cover and rotary knob M-Creative MTN5250-3500
Artec, Antik MTN5250-40../-41..

Rotary dimmer insert for ohmic load with on/off switch

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-400 W</td>
<td>MTN5131-0000</td>
</tr>
</tbody>
</table>

AC 230 V, 50 Hz
For incandescent lamps and 230 V halogen lamps.
(Phase control)
With push-rotary on/off switch.

To be completed with: Central plate with rotary knob System M MTN5250-03../-04..
Central plate with transparent cover and rotary knob M-Creative MTN5250-3500
Central plate with rotary knob System Design MTN5250-60..
Artec, Antik MTN5250-40../-41..
### Rotary dimmer insert for inductive load

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-600 W/VA</td>
<td>MTN5133-0000</td>
</tr>
</tbody>
</table>

AC 230 V, 50 Hz
For dimmable, wound transformers, incandescent lamps and 230 V halogen lamps (inductive/ohmic load).
*(Phase control)*
With push-rotary two-way switch.
**To be completed with:** Central plate with rotary knob System M MTN5250-03../-04..
Central plate with transparent cover and rotary knob M-Creative MTN5250-3500
Central plate with rotary knob System Design MTN5250-60..
Artec, Antik MTN5250-40../-41..

### Rotary dimmer insert for inductive load

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-1000 VA</td>
<td>MTN5135-0000</td>
</tr>
</tbody>
</table>

AC 230 V, 50 Hz
For dimmable, wound transformers, incandescent lamps and 230 V halogen lamps (inductive/ohmic load).
*(Phase control)*
With pressure-operated on/off switch.
**Nominal power:** 60-1000 VA
**Motor load:** 60-600 VA
**Neutral conductor:** required
**To be completed with:** Central plate with rotary knob System M MTN5250-03../-04..
Central plate with transparent cover and rotary knob M-Creative MTN5250-3500
Central plate with rotary knob System Design MTN5250-60..
Artec, Antik MTN5250-40../-41..

### Rotary dimmer insert for capacitive load

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
<td>20-315 W</td>
<td>MTN5136-0000</td>
</tr>
<tr>
<td>20-630 W</td>
<td>MTN5137-0000</td>
</tr>
</tbody>
</table>

AC 230 V, 50 Hz
For electronic transformers and incandescent lamps (ohmic load).
*(Phase alignment)*
With push-rotary two-way switch.
Noise-free, short-circuit-proof, with overload protection, and soft start function to protect the lamps.
**To be completed with:** Central plate with rotary knob System M MTN5250-03../-04..
Central plate with transparent cover and rotary knob M-Creative MTN5250-3500
Central plate with rotary knob System Design MTN5250-60..
Artec, Antik MTN5250-40../-41..
Comfort controls

Rotary dimmer insert for special loads

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-100 W</td>
<td>MTN5140-0000</td>
</tr>
</tbody>
</table>

AC 230 V, 50 Hz
For dimmable energy-saving lamps.

(Phase control)
With pressure-operated two-way switch.

Osram:
- DULUX EL DIM 20W/827 E27
- DULUX EL DIM GL 15W/827 E27

Megaman:
- MM46012 11W/E27
- MM46212 18W/E27
- MM46532 11W/GU10

Further energy-saving lamps available on request.

To be completed with:
- Central plate with rotary knob System M MTN5250-03../-04..
- Central plate with transparent cover and rotary knob M-Creative MTN5250-3500
- Central plate with rotary knob System Design MTN5250-60..
- Artec, Antik MTN5250-40../-41..

Electronic potentiometer insert 1-10 V

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MTN5142-0000</td>
</tr>
</tbody>
</table>

AC 230 V, 50 Hz
For fluorescent lamps with electronic ballast or electronic transformer with 1-10 V interface.

With push-rotary on/off switch 1.7 A.

To be completed with:
- Central plate with rotary knob System M MTN5250-03../-04..
- Central plate with transparent cover and rotary knob M-Creative MTN5250-3500
- Central plate with rotary knob System Design MTN5250-60..
- Artec, Antik MTN5250-40../-41..
Comfort controls

Central plate for speed controller

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
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<tr>
<td>lotus white</td>
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<td>stainless steel</td>
<td>MTN5251-6036</td>
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<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN5251-6050</td>
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<tr>
<td>champagne metallic</td>
<td>MTN5251-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN5251-6052</td>
</tr>
</tbody>
</table>

For System Design.
To be completed with: Speed control insert MTN5143-0000

Speed control insert

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-400 VA</td>
<td>MTN5143-0000</td>
</tr>
</tbody>
</table>

For infinite speed control of single phase motors such as induction motors, split-pole motors and universal motors.
With additional switch outlet for controlling slats or to switch ohmic loads.
The minimum and maximum speed can be set on the device.
Mains voltage: 230 V AC, 50 Hz
Nominal load: 20 - 400 W
Minimum load: 20 W
Load type: Single-phase motors
Load on the switch output: max. 2 A, cos φ = 0.6
Short-circuit protection: Fuse, F4.0AH
To be completed with: Central plate for speed controller System M MTN5251-03..-/04..
System Design MTN5251-60..
Universal dimmer

- The dimmer module is controlled with mechanical push-buttons in parallel operation.
- By installing the dimmer module in combination with a push-button is a deep (60th) installation box to be used.

Explanation of symbols:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>230 V incandescent lamps</td>
</tr>
<tr>
<td></td>
<td>230 V halogen lamps</td>
</tr>
<tr>
<td></td>
<td>Dimmable, wound transformers</td>
</tr>
<tr>
<td></td>
<td>Dimmable, electronic transformers</td>
</tr>
</tbody>
</table>

Universal LED dimmer module

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>CCT99100</td>
</tr>
</tbody>
</table>

For ohmic, inductive or capacitive loads, e.g. dimmable LED lamps, incandescent lamps, dimmable wound transformers or electronic transformers.

**Leading or trailing edge**
The universal dimmer automatically recognizes the connected load. Do not connect any mixed loads.
The dimmer module is controlled with mechanical push-buttons in parallel operation.
By installing the dimmer module in combination with a push-button is a deep (60th) installation box to be used.
With screw terminals.

**Type-Number:** T53000

**Nominal voltage:** AC 230 V, 50 Hz

**Switching capacity:**
- LED lamps: 4-100 VA (RC mode) 4-20 VA (RL-LED mode)
- Incandescent lamps: 5-200 W
- Halogen lamps: 5-150 W (230 V) 5-200 VA (LV with dimmable wound transformer) 5-200 VA (LV with dimmable electronic transformer)

**Neutral conductor:** not required

**Connecting terminals:** Screw terminals for max. 2.5 mm²

**Protection:** 16 A circuit breaker

**Dimensions:** 45 x 40 x 21 (HxWxD)

**Properties:**
- Short-circuit-proof
- Overload-proof
- Resistant to overheating
- Soft start
- Memory function
- Automatic load detection
- Min. / max. limit can be set
- RL-LED operating mode can be set

**Note:** Information about the “Dimming LED lamps” can be obtained on the Internet at “Schneider-Electric dimmer test”. http://schneider-electric.dimmer-test.com
## PlusLink overview

### Light Control

<table>
<thead>
<tr>
<th>Light Control</th>
<th>Dimmable Inserts</th>
<th>Switch Inserts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Universal Dimmer Insert</td>
<td>1-10 V insert</td>
</tr>
<tr>
<td></td>
<td>1-gang MTN5171-0000</td>
<td>2-gang MTN5172-0000</td>
</tr>
</tbody>
</table>

### Neutral

| Neutral | No | No | Yes | Yes | Yes |

### Possible Loads

<table>
<thead>
<tr>
<th>Possible Loads</th>
<th></th>
</tr>
</thead>
</table>

### Push-button module

<table>
<thead>
<tr>
<th>Push-button module</th>
<th>1-gang</th>
<th>2-gang</th>
<th>1-10 V</th>
<th>DALI</th>
<th>Relay Switch 1-gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>Push-button module Basic, 1-gang</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>System Design: MTN5110-6000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Push-button module Basic, 2-gang</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>System Design: MTN5120-6000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Push-button module Comfort, 1-gang</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>System Design: MTN5111-6000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Push-button module Comfort, 2-gang</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>System Design: MTN5121-6000</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Wiser push-button module, 1-gang</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>System Design: MTN5113-6000</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Wiser push-button module, 2-gang</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>System Design: MTN5123-6000</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Sensor modules

<table>
<thead>
<tr>
<th>Sensor modules</th>
<th>1-10 V</th>
<th>DALI</th>
<th>Relay Switch 1-gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARGUS 180 flush-mounted sensor module</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>System Design: MTN5710-60..</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARGUS 180 flush-mounted sensor module with switch</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>System Design: MTN5711-60..</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Display timer modules

<table>
<thead>
<tr>
<th>Display timer modules</th>
<th>1-10 V</th>
<th>DALI</th>
<th>Relay Switch 1-gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display timer module</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>System Design: MTN5755-60..</td>
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<td></td>
<td></td>
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</table>

### Sensors

<table>
<thead>
<tr>
<th>Sensors</th>
<th>1-10 V</th>
<th>DALI</th>
<th>Relay Switch 1-gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun/twilight sensor 580691</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

**Note:**
- ✔️ Combinable
- — Not combinable
- * Common function
### PlusLink overview

<table>
<thead>
<tr>
<th>Licht Control</th>
<th>Blind Control</th>
<th>Global Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch Inserts</td>
<td>Blind Control</td>
<td>PlusLink</td>
</tr>
<tr>
<td>Relay Switch Insert 2-gang</td>
<td>Electronic Switch Insert 1-gang</td>
<td>Central Unit Insert 1-gang</td>
</tr>
<tr>
<td>MTN5162-0000</td>
<td>MTN5151-0000</td>
<td>MTN5190-0000</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Blind Control Insert 2-gang</td>
<td>Side Controller Plus 1-gang</td>
<td>Brightness sensor interface flush-mounted</td>
</tr>
<tr>
<td>MTN5165-0000</td>
<td>MTN5119-6000</td>
<td>MTN5195-0100</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Possible Loads

- **Push-button module**
  - Basic, 1-gang: System Design: MTN5110-6000
  - Basic, 2-gang: System Design: MTN5120-6000
  - Comfort, 1-gang: System Design: MTN5111-6000
  - Comfort, 2-gang: System Design: MTN5121-6000
  - Wiser, 1-gang: System Design: MTN5113-6000
  - Wiser, 2-gang: System Design: MTN5123-6000

- **Sensor modules**
  - ARGUS 180 flush-mounted sensor module: System Design: MTN5710-60...
  - ARGUS 180 flush-mounted sensor module with switch: System Design: MTN5711-60...

- **Display timer modules**
  - Display timer module: System Design: MTN5755-60...

- **Sensors**
  - Sun/twilight sensor: 580691

### Combinable vs. Not combinable

- **Combinable**
- **Not combinable**
- **Common function**
Covers PlusLink (Switching/Dimming/Blind Control)

**PL technology**

PlusLink (PL) is a system for controlling light and blind. The system is based on a conventional electrical installation. Local control is performed directly using an PlusLink insert with a PlusLink module. The units control the lighting or blinds.

The control can be extended via PL. All PL units have at least one extra PL terminal. All units are linked together to form one PL line using only one additional wire.

Commands are sent via the PL lines, and there is no need for either software or programming. With PL there are sending and receiving units. In every PL line, there is at least one unit that is sending and one that is receiving. For simple local control the PL line is not needed.

**Assembly:**

![Assembly Diagram]

<table>
<thead>
<tr>
<th>Rocker for 1-gang push-button module</th>
<th>Rocker for 1-gang push-button module (Up/Down)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>Art. no.</td>
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<tr>
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<td>MTN5210-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN5210-6052</td>
</tr>
</tbody>
</table>

For System Design. The rocker is attached to the 1-gang push-button module.

**To be completed with:** Push-button module Basic, 1-gang System Design MTN5110-60.. Push-button module Comfort, 1-gang System Design MTN5111-60.. Wiser push-button module, 1-gang System Design MTN5113-60.. Side controller Plus, 1-gang System Design MTN5119-60..
Push-button module Basic, 1-gang

Version | Art. no.
---|---
MTN5110-6000

For System Design.
Push-button module without rocker.
The push-button module is connected to the desired insert with a module interface, and is
completed with the rocker for the 1-gang push-button module in the matching design.

Functions:

Local switching:
- Electronic switch insert
- Relay switch insert
- Electronic switch insert, 2-gang (both channels simultaneously)
- Relay switch insert, 2-gang (both channels simultaneously)

Local switching/dimming:
- Universal dimmer insert
- Universal dimmer insert, 2-gang (both channels simultaneously)
- Control insert 1-10 V
- DALI control insert

Controlling blinds/roller shutters locally:
- Blind control insert

Global switching, dimming, controlling blinds/roller shutters:
- Central unit insert

Operating elements: 2 buttons
Display elements: 1 status LED, 1 orientation LED
Connection: Module interface

To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00..,
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

To be completed with:
- Rocker for 1-gang push-button module System Design MTN5210-60..
- Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..
Push-button module Comfort, 1-gang

Version: Art. no.
MTN5111-6000

For System Design.
Push-button module without rocker.
The push-button module is connected to the desired insert with a module interface, and is completed with the rocker for the 1-gang push-button module in the matching design.

Functions:
- Local switching, starting staircase timer (with/without warning), pulse generator:
  - Electronic switch insert
  - Relay switch insert
  - Electronic switch insert, 2-gang (both channels simultaneously)
  - Relay switch insert, 2-gang (both channels simultaneously)
- Local switching/dimming, staircase timer (with/without warning):
  - Universal dimmer insert
  - Universal dimmer insert, 2-gang (both channels simultaneously)
  - Control insert 1-10 V
  - DALI control insert
- Controlling blinds/roller shutters locally, sunshade function:
  - Blind control insert
- Global switching, dimming, controlling blinds/roller shutters:
  - Central unit insert

Operating elements: 2 buttons
Display elements: 1 status LED, 1 orientation LED
Connection: Module interface
To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00.., MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..
To be completed with:
- Rocker for 1-gang push-button module System Design MTN5210-60..
- Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..
Wiser push-button module, 1-gang

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<th>Version</th>
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<tr>
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<td>MTN5113-6000</td>
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For System Design.
Push-button module without rocker.
The push-button module is connected to the desired insert with a module interface, and is completed with the rocker for the 1-gang push-button module in the matching design.
Can be controlled remotely and programmed via the WISER Room App. You can carry out settings and use additional functions via the app, e.g.:
- Timer (staircase lighting)
- Time switch
- Random function
- Pulse generator
- Memory function
- Minimum/maximum brightness
- Magnetic contact
- Sun protection function
- Orientation light

Functions:
Local switching, time switch, random function, timer with/without warning, pulse generator:
- Electronic switch insert
- Relay switch insert
- Electronic switch insert, 2-gang (both channels simultaneously)
- Relay switch insert, 2-gang (both channels simultaneously)
Local switching/dimming, time switch, random function, timer with/without warning:
- Universal dimmer insert
- Universal dimmer insert, 2-gang (both channels simultaneously)
- Control insert 1-10 V
- DALI insert
- Controlling blinds/roller shutters locally, time switch, random function, sun protection function:
- Blind control insert
  Global switching, dimming, controlling blinds/roller shutters globally, time switch, random function:
- Central unit insert

Operating elements: 2 buttons
Display elements: 1 status LED, 1 orientation LED

Connection: Module interface
To be completed with: Central unit insert MTN5190-0000
Electronic switch insert MTN5151-00.. Electronic switch insert, 2-gang MTN5152-00..
Relay switch insert MTN5161-00.. Relay switch insert, 2-gang MTN5162-00..
Blind control insert MTN5165-0000
Universal dimmer insert MTN5171-00..
Universal dimmer insert, 2-gang MTN5172-00..
1-10 V insert MTN5180-00..
DALI insert MTN5185-00..

To be completed with: Rocker for 1-gang push-button module System Design MTN5210-60..
Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..

Note: Can be controlled via Bluetooth (available for devices with Bluetooth Smart Ready from V4.1).
The APP "Wiser Room" can run on devices from Android™ 4.4 and Apple® iOS9.1.
### Rocker for 2-gang push-button module (Scene 1/2, blank)

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<tr>
<td>mocca metallic</td>
<td>MTN5226-6052</td>
</tr>
</tbody>
</table>

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with:
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- Side controller Plus, 2-gang System Design MTN5129-60..

### Rocker for 2-gang push-button module (Scene 1/2, Up/Down)

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<thead>
<tr>
<th>Version</th>
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<tbody>
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<td>MTN5227-6051</td>
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<tr>
<td>mocca metallic</td>
<td>MTN5227-6052</td>
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</table>

For System Design.
The rockers are attached to the 2-gang push-button module.

To be completed with:
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- Side controller Plus, 2-gang System Design MTN5129-60..
Push-button module Basic, 2-gang

Version | Art. no.
--- | ---
MTN5120-6000

For System Design.
Push-button module without rockers.
The push-button module is connected to the desired insert with a module interface, and is completed with the rockers for the 2-gang push-button module in the matching design.

Functions:
Local switching, calling up/saving scenes:
- Electronic switch insert
- Relay switch insert
Separate switching of both channels locally:
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang
Local switching/dimming, calling up/saving scenes:
- Universal dimmer insert
- Control insert 1-10 V
- DALI control insert
Separate switching/dimming of both channels locally:
- Universal dimmer insert, 2-gang
Controlling blinds/roller shutters locally, calling up/saving scenes:
- Blind control insert
Global switching, dimming, controlling blinds/roller shutters, calling up/saving scenes:
- Central unit insert

Operating elements: 4 buttons
Display elements: 2 status LEDs, 2 orientation LEDs

To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00...
- Electronic switch insert, 2-gang MTN5152-00...
- Relay switch insert MTN5161-00...
- Relay switch insert, 2-gang MTN5162-00...
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00...
- Universal dimmer insert, 2-gang MTN5172-00...
- 1-10 V insert MTN5180-00...
- DALI insert MTN5185-00...

Rocker for 2-gang push-button module System Design MTN5220-60...
Rocker for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60...
Rocker for 2-gang push-button module (Scene 1/2, Up/Down) System Design MTN5227-60...
Push-button module Comfort, 2-gang

Version: MTN5121-6000

For System Design.
Push-button module without rockers.
The push-button module is connected to the desired insert with a module interface, and is completed with the rockers for the 2-gang push-button module in the matching design.

Functions:
Local switching, calling up/saving scenes, starting staircase timer (with/without warning), pulse generator, duration on/off:
- Electronic switch insert
- Relay switch insert
Switching both channels locally, starting staircase timer (with/without warning), pulse generator, duration on/off:
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang
Local switching/dimming, calling up/saving scenes, starting staircase timer (with/without warning), duration on/off:
- Universal dimmer insert
- Control insert 1-10 V
- DALI control insert
Switching/dimming both channels locally, starting staircase timer (with/without warning), duration on/off:
- Universal dimmer insert, 2-gang
Controlling blinds/roller shutters locally, calling up/saving comfort scenes (positions):
- Blind control insert
Global switching, dimming, controlling blinds/roller shutters, calling up/saving scenes:
- Central unit insert

Operating elements: 4 buttons
Display elements: 2 status LEDs, 2 orientation LEDs
Connection: Module interface
To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

To be completed with:
- Rocker for 2-gang push-button module System Design MTN5220-60..
- Rockers for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60..
- Rocker for 2-gang push-button module (Scene 1/2, Up/Down) System Design MTN5227-60..
Wiser push-button module, 2-gang

Version   Art. no.
MTN5123-6000

For System Design.
Push-button module without rockers.
The push-button module is connected to the desired insert with a module interface, and is
completed with the rockers for the 2-gang push-button module in the matching design.
Can be controlled remotely and programmed via the WISER Room App. You can carry out
settings and use additional functions via the app, e.g.:
- Timer (staircase lighting)
- Time switch
- Random function
- Pulse generator
- Memory function
- Minimum/maximum brightness
- Magnetic contact
- Sun protection function
- Orientation light

Functions:
Local switching, calling up/ saving scenes, time switch, random function, timer with/without
warning, pulse generator:
  - Electronic switch insert
  - Relay switch insert
  - Local switching of both channels separately, time switch, random function, timer with/without
    warning, pulse generator:
  - Electronic switch insert, 2-gang
  - Relay switch insert, 2-gang
  - Local switching/dimming, calling up/ saving scenes, time switch, random function, timer
    with/without warning:
  - Universal dimmer insert
  - Control insert 1-10 V
  - DALI insert
  - Local switching/dimming of both channels separately, time switch, random function, timer
    with/without warning:
  - Universal dimmer insert, 2-gang
  - Controlling blinds/roller shutters locally, calling up/saving comfort scenes (any position),
    time switch, random function:
  - Blind control insert
  - Global switching, dimming, controlling blinds/roller shutters, calling up/saving scenes, time
    switch, random function:
    - Central unit insert

Operating elements: 4 buttons
Display elements: 2 status LEDs, 2 orientation LEDs
Connection: Module interface

To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00...
- Electronic switch insert, 2-gang MTN5152-00...
- Relay switch insert MTN5161-00...
- Relay switch insert, 2-gang MTN5162-00...
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00...
- Universal dimmer insert, 2-gang MTN5172-00...
- 1-10 V insert MTN5180-00...
- DALI insert MTN5185-00...

To be completed with:
- Rocker for 2-gang push-button module System Design MTN5220-60...
- Rockers for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60...
- Rocker for 2-gang push-button module (Scene1/2, Up/Down) System Design MTN5227-60...

Note: Can be controlled via Bluetooth (available for devices with Bluetooth Smart Ready from
V4.1).
The APP “Wiser Room” can run on devices from Android™ 4.4 and Apple® iOS9.1.
All time controls and settings apply equally for both channels.
Movement detectors

ARGUS 180 flush-mounted sensor module

<table>
<thead>
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<tr>
<td>mocca metallic</td>
<td>MTN5710-6052</td>
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</tbody>
</table>

For System Design. Indoor movement detector with anti-crawl protection. The sensor module detects moving heat sources (e.g. people) within an adjustable area of detection and starts a staircase timer. The sensor module is equipped with a light sensor with an adjustable brightness threshold so that the lighting is only switched on when a specified brightness threshold is not met. Switchable presence function.

Functions:
- Brightness-dependent staircase lighting function:
  - Electronic switch insert
  - Relay switch insert
  - Universal dimmer insert
  - Control insert 1-10 V
  - DALI control insert

Brightness-dependent staircase lighting function with channel 1, staircase lighting function independent of brightness with channel 2:
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang
- Universal dimmer insert, 2-gang

Area of detection: 180°

Number of levels: 6

To be completed with: Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00...
- Electronic switch insert, 2-gang MTN5152-00...
- Relay switch insert MTN5161-00...
- Relay switch insert, 2-gang MTN5162-00...
- Universal dimmer insert MTN5171-00...
- Universal dimmer insert, 2-gang MTN5172-00...
- 1-10 V insert MTN5180-00...
- DALI insert MTN5185-00...

For System Design. Indoor movement detector with anti-crawl protection. The sensor module detects moving heat sources (e.g. people) within an adjustable area of detection and starts a staircase timer. The sensor module is equipped with a light sensor with an adjustable brightness threshold so that the lighting is only switched on when a specified brightness threshold is not met. Switchable presence function.

Functions:
- Brightness-dependent staircase lighting function, duration on/off:
  - Electronic switch insert
  - Relay switch insert
  - Universal dimmer insert
  - Control insert 1-10 V
  - DALI control insert

Brightness-dependent staircase lighting function with channel 1, staircase lighting function independent of brightness with channel 2, duration on/off:
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang
- Universal dimmer insert, 2-gang

Area of detection: 180°

Operating element: Manual switch (0, Auto, 1)

Number of levels: 6

To be completed with: Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00...
- Electronic switch insert, 2-gang MTN5152-00...
- Relay switch insert MTN5161-00...
- Relay switch insert, 2-gang MTN5162-00...
- Universal dimmer insert MTN5171-00...
- Universal dimmer insert, 2-gang MTN5172-00...
- 1-10 V insert MTN5180-00...
- DALI insert MTN5185-00...
ARGUS Presence Master with IR, relay 1-gang

### Version

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<tbody>
<tr>
<td>polar white</td>
<td>MTN5510-1119</td>
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</table>

Presence detector for ceiling mounting indoors. The sensor module detects moving heat sources (e.g. people) within an adjustable area of detection and starts a staircase timer.

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps. The sensor module is equipped with a light sensor with an adjustable brightness threshold so that the lighting is only switched on when a specified brightness threshold is not met. When there is sufficient natural light, the presence function allows the sensor module to switch off the lighting even when a person is present.

For mounting in a size 60 flush-mounted socket or in the surface-mounted housing available as an accessory.

- With screw terminals.
- With claw and screw fixing.

**Functions:**
- Switching of one output.
- External triggering via one PL-input (Sensor module on central unit insert (Slave), Side controller Plus).
- Switching
- Brightness-dependent staircase lighting function

**Nominal voltage:** AC 220/230 V, 50/60 Hz

**Nominal current:** max. 10 AX, cosφ = 0.6

**Outputs:** 1x make contacts

**Max. switching capacity per channel:**
- Incandescent lamps: 2200 W
- HV halogen lamps: 2000 W
- LV halogen lamps with wound transformer: 500 VA
- Electronic transformers: 1050 W
- Capacitive load: 10 A, 140 µF
- Energy-saving lamps: 100 VA
- Motor load: 1000 VA

**Neutral conductor:** required (3 conductor system)

**Wire range:** max. 2x2.5 mm²

**Angle of detection:** 360°

**Number of levels:** 6

**Number of zones:** 136

**Number of movement sensors:** 4

**Recommended installation height:** 2.5 m

**Range:** a radius of max. 7 m (at an installation height of 2.50 m)

**Sensitivity:** continuously adjustable

**Brightness threshold:** continuously adjustable between approx. 10 and 1000 lux

**Overshoot time:** Channel 1: continuously adjustable between approx. 10 s and approx. 30 min

**Accessories:**
- Surface-mounted housing for ARGUS Presence MTN550619
- Side controller Plus, 2-gang, complete unit MTN5129-0319
- PlusLink Expander CCTD5130
- Transmitter: IR universal remote control MTN5761-0000
- CONNECT radio universal remote control MTN5051-0000
- Slave: ARGUS Presence Slave MTN5570-1019
ARGUS Presence Master with IR, relay 2-gang

Version Art. no.
polar white MTN5510-1219

Presence detector for ceiling mounting indoors. The sensor module detects moving heat sources (e.g. people) within an adjustable area of detection and starts a staircase timer.

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps.

The sensor module is equipped with a light sensor with an adjustable brightness threshold so that the lighting is only switched on when a specified brightness threshold is not met. When there is sufficient natural light, the presence function allows the sensor module to switch off the lighting even when a person is present.

For mounting in a size 60 flush-mounted socket or in the surface-mounted housing available as an accessory.

With screw terminals.

With claw and screw fixing.

Functions:
- Switching of two outputs.
- External triggering via two PL-inputs (Sensor module on central unit insert (Slave), Side controller Plus).
- Switching
- Brightness-dependent staircase lighting function with channel 1, staircase lighting function independent of brightness with channel 2

Nominal voltage: AC 220/230 V, 50/60 Hz
Nominal current: max. 10 AX, cosφ = 0.6. The total load on both channels is not allowed to exceed 14 A

Outputs: 2 x make contacts

Max. switching capacity per channel:
- Incandescent lamps: 2200 W
- HV halogen lamps: 2000 W
- LV halogen lamps with wound transformer: 500 VA
- Electronic transformers: 1050 W
- Capacitive load: 10 A, 140 µF
- Energy-saving lamps: 100 VA
- Motor load: 1000 VA
- Neutral conductor: required (3 conductor system)

Wire range: max. 2x2.5 mm²

Angle of detection: 360°

Number of levels: 6
Number of zones: 136

Number of movement sensors: 4

Recommended installation height: 2.5 m

Range: a radius of max. 7 m (at an installation height of 2.50 m)

Sensitivity: continuously adjustable

Brightness threshold: continuously adjustable between approx. 10 and 1000 lux

Overshoot time: Channel 1: continuously adjustable between approx. 10 s and approx. 30 min

Channel 2: continuously adjustable between approx. 5 min and approx. 2 h

Accessories:
- Surface-mounted housing for ARGUS Presence MTN550619
- Side controller Plus, 2-gang, complete unit MTN5129-0319
- PlusLink Expander CCTDT5130
- Transmitter: IR universal remote control MTN5761-0000
- CONNECT radio universal remote control MTN5051-0000
- Slave: ARGUS Presence Slave MTN5570-1019
ARGUS Presence Master with IR, 1-10 V

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<tr>
<td>polar white</td>
<td>MTN5510-1419</td>
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</table>

Presence detector for ceiling mounting indoors.
The sensor module detects moving heat sources (e.g., people) within an adjustable area of detection and starts a staircase timer.
For fluorescent lamps with electronic ballast or electronic transformer with 1-10 V interface.
The sensor module is equipped with a light sensor with an adjustable brightness threshold so that the lighting is only switched on when a specified brightness threshold is not met. When there is sufficient natural light, the presence function allows the sensor module to switch off the lighting even when a person is present.
The switchable light control ensures that the room illumination remains almost constant. The sensor module continuously measures the brightness in the room and adjusts the illumination to an adjustable setpoint.
For mounting in a size 60 flush-mounted socket or in the surface-mounted housing available as an accessory.
With screw terminals.
With claw and screw fixing.

**Functions:**
- Switching and dimming of one output.
- External triggering via one PL-input (Slave, Side controller Plus).
- Memory function.
- Brightness-dependent staircase lighting function, light control

**Nominal voltage:** AC 220/230 V, 50/60 Hz
**Nominal current:** max. 10 A, cosφ = 0.6
**Control current:** max. 50 mA
**Load type:** max. 25 controllable EBs (1-10 V)
**Outputs:** 1 x make contact, 1x (1-10 V)
**Max. switching capacity:**
- Incandescent lamps: 2200 W
- HV halogen lamps: 2000 W
- LV halogen lamps with wound transformer: 500 VA
- Electronic transformers: 1050 W
- Capacitive load: 10 A, 140 µF
- Neutral conductor: required (3 conductor system)
**Wire range:** max. 2x2.5 mm²
**Angle of detection:** 360°
**Number of levels:** 6
**Number of levels:** 136
**Number of movement sensors:** 4
**Recommended installation height:** 2.5 m
**Range:** a radius of max. 7 m (at an installation height of 2.50 m)
**Sensitivity:** continuously adjustable
**Brightness threshold:** continuously adjustable between approx. 10 and 1000 lux
**Overshoot time:** Channel 1: continuously adjustable between approx. 10 s and approx. 30 min
**Accessories:**
- Surface-mounted housing for ARGUS Presence MTN550619
- Side controller Plus, 2-gang, complete unit MTN5129-0319
- PlusLink Expander CCTDT5130
- Transmitter: IR universal remote control MTN5761-0000
- CONNECT radio universal remote control MTN5051-0000
- Slave: ARGUS Presence Slave MTN5570-1019
### ARGUS Presence Master with IR, DALI

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</table>

Presence detector for ceiling mounting indoors.

The sensor module detects moving heat sources (e.g. people) within an adjustable area of detection and starts a staircase timer.

For triggering up to 15 DALI EBs.

The sensor module is equipped with a light sensor with an adjustable brightness threshold so that the lighting is only switched on when a specified brightness threshold is not met. When there is sufficient natural light, the presence function allows the sensor module to switch off the lighting even when a person is present.

The switchable light control ensures that the room illumination remains almost constant. The sensor module continuously measures the brightness in the room and adjusts the illumination to an adjustable setpoint.

For mounting in a size 60 flush-mounted socket or in the surface-mounted housing available as an accessory.

With screw terminals.

With claw and screw fixing.

**Functions:**
- Switching and dimming of DALI EBs.
- External triggering via one PL-input (Slave, Side controller Plus).
- Overload and short-circuit-proof.
- Memory function.
- Up to 6 DALI control inserts can be connected to one DALI line. However the maximum number of 64 DALI EBs and a cable length of 300 m must not be exceeded.
- Brightness-dependent staircase lighting function, light control.

**Nominal voltage:** AC 220/230 V, 50/60 Hz

**Type:** Category I control device

**Load type:** max. 15 controllable DALI EBs

**DALI output current:** max. 30 mA

**DALI output voltage:** DC 15 V

**Neutral conductor:** required (3 conductor system)

**Wire range:** max. 2x2.5 mm²

**Angle of detection:** 360°

**Number of levels:** 6

**Number of zones:** 136

**Number of movement sensors:** 4

**Recommended installation height:** 2.5 m

**Range:** a radius of max. 7 m (at an installation height of 2.50 m)

**Sensitivity:** continuously adjustable

**Brightness threshold:** continuously adjustable between approx. 10 and 1000 lux

**Overshoot time:** Channel 1: continuously adjustable between approx. 10 s and approx. 30 min

**Accessories:**
- Surface-mounted housing for ARGUS Presence MTN550619
- Side controller Plus, 2-gang, complete unit MTN5129-0319
- PlusLink Expander CCTDT5130
- Transmitter: IR universal remote control MTN5761-0000
- CONNECT radio universal remote control MTN5051-0000
- Slave: ARGUS Presence Slave MTN5570-1019
ARGUS Presence Slave

**Version**  
**Art. no.** MTN5570-1019

For triggering all ARGUS Presence Master. The device has four PL-outputs.

The control function via PL requires a separate core in the installation to the receiving master devices for each PL line.

Presence detector for ceiling mounting indoors.

The sensor module detects moving heat sources (e.g. people) within an adjustable area of detection and starts a staircase timer.

When movements are detected, the Argus Presence slave sends this information to the Argus Presence master(s). The master controls the lighting. The brightness measurement takes place at the installation location of the master.

For mounting in a size 60 flush-mounted socket or in the surface-mounted housing available as an accessory.

With screw terminals.

With claw and screw fixing.

**Functions:**

- Global control via four PL-outputs.
- Staircase lighting function independent of brightness.
- Nominal voltage: AC 220/230 V, 50/60 Hz
- Outputs: 4 x PL
- Neutral conductor: required (3 conductor system)
- Wire range: max. 2×2.5 mm²
- Angle of detection: 360°
- Number of levels: 6
- Number of zones: 136
- Number of movement sensors: 4
- Recommended installation height: 2.5 m
- Range: a radius of max. 7 m (at an installation height of 2.50 m)
- Sensitivity: continuously adjustable

**Accessories:** Surface-mounted housing for ARGUS Presence MTN550619

PlusLink Expander CCTDTS130

Master: ARGUS Presence Master with IR, relay 1-gang MTN5510-1119
ARGUS Presence Master with IR, relay 2-gang MTN5510-1219
ARGUS Presence Master with IR, 1-10 V MTN5510-1419
ARGUS Presence Master with IR, DALI MTN5510-1519

Surface-mounted housing for ARGUS Presence

**Version**  
**Art. no.** MTN550619

The surface-mounted housing for ARGUS Presence devices also allows them to be surface mounted.

- for surface-mounting of the LON Multi-Sensor LA-21 (art. no. 42320-104) and ILA-22 (art. no. 42320-105)
- colour: polar white (similar to RAL 9010)

**To be completed with:** ARGUS Presence MTN550590
ARGUS Presence with IR receiver and for extension unit operation MTN550591
ARGUS Presence Master with IR, relay 1-gang MTN5510-1119
ARGUS Presence Master with IR, relay 2-gang MTN5510-1219
ARGUS Presence Master with IR, 1-10 V MTN5510-1419
ARGUS Presence Master with IR, DALI MTN5510-1519
ARGUS Presence Slave MTN5570-1019
KNX ARGUS Presence Basic MTN6307..
KNX ARGUS Presence MTN6308..
KNX ARGUS Presence with light control and IR receiver MTN6309..
IR universal remote control

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>white/black</td>
<td>MTN5761-0000</td>
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</tbody>
</table>

10 channel IR remote control. For the control of all TELE sensor covers, blind push-buttons with IR receiver, presence detectors with IR receivers and KNX devices with IR receivers.

**Battery:** 2 microcells (IEC LR 03, AAA)

**Range:** up to 12 m

**Receiver:**
- TELE sensor cover System M MTN5779.., MTN5703..
- Artec/Antique MTN5709..
- Blind push-button with IR receiver and sensor connection System M MTN5880.., MTN5864..
- Artec/Antique MTN5844..
- ARGUS Presence Master with IR, relay 1-gang MTN5510-1119
- ARGUS Presence Master with IR, relay 2-gang MTN5510-1219
- ARGUS Presence Master with IR, 1-10 V MTN5510-1419
- ARGUS Presence Master with IR, DALI MTN5510-1519
- ARGUS Presence with IR receiver and for extension unit operation MTN550591
- Push-button, 4-gang plus with IR receiver System M MTN6279.., MTN6175..
- Artec/Antique MTN6284..
- KNX 1-gang push-button with IR receiver Altira
  - Unica MGU3.532.18, MGU3.532.25
  - Unica Top MGU5.532.12, MGU5.532.30
  - Unica MGU5.532.18, MGU5.532.28
  - Unica Top MGU5.532.12, MGU5.532.30
  - Unica MGU50.532.18, MGU50.532.25
  - Unica Top MGU50.532.12, MGU50.532.30
- Push-button 4-gang plus with room temperature control unit System M MTN6214-03..-04..
- Artec MTN6214-40..-41..
- KNX ARGUS Presence with light control and IR receiver MTN6309..

**Contents:** Without battery.
Time switch

Display timer module

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<td>champagne metallic</td>
<td>MTN5755-6051</td>
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<tr>
<td>mocca metallic</td>
<td>MTN5755-6052</td>
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</tbody>
</table>

For System Design.
For programmed and time-dependent switching of loads such as lighting or blind/roller shutter motors.

Number of switching cycles (switching on/off, raising/lowering):
- Switching, dimming, blind inserts:
  - Per channel: 2 switching cycles / day
- Central unit insert:
  - Per PL line: 2 switching cycles / day

Functions:
- Pre-set switching times (in free groups)
- Menu-controlled operation
- Power reserve > 6 hours
- Reset to restore factory settings
- Random-check generator can be activated (in the range 0 - 30 mins)
- Astro function
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Selectable arrow key function for push buttons or global scenes
- Setting the brightness values for the sun protection function
- Behaviour at wind alarm can be set

Local switching:
- Electronic switch insert
- Relay switch insert
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang

Local switching/dimming:
- Universal dimmer insert
- Control insert 1-10 V
- DALI control insert
- Universal dimmer insert, 2-gang

Controlling blinds/roller shutters locally:
- Blind control insert

Global switching, dimming, controlling blinds/roller shutters, retrieving scenes:
- Central unit insert

Operating elements:
- 5 buttons

Display elements:
- 5 LEDs, LCD display

Connection: Module interface

To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..
### Wiser push-button module, 1-gang

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<tbody>
<tr>
<td>MTN5113-6000</td>
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</tbody>
</table>

For System Design.

Push-button module without rocker.

The push-button module is connected to the desired insert with a module interface, and is completed with the rocker for the 1-gang push-button module in the matching design.

Can be controlled remotely and programmed via the WISER Room App. You can carry out settings and use additional functions via the app, e.g.:

- Timer (staircase lighting)
- Time switch
- Random function
- Pulse generator
- Memory function
- Minimum/maximum brightness
- Magnetic contact
- Sun protection function
- Orientation light

**Functions:**

- Local switching, time switch, random function, timer with/without warning, pulse generator:
  - Electronic switch insert
  - Relay switch insert
  - Electronic switch insert, 2-gang (both channels simultaneously)
  - Relay switch insert, 2-gang (both channels simultaneously)
  - Local switching/dimming, time switch, random function, timer with/without warning:
  - Universal dimmer insert
  - Universal dimmer insert, 2-gang (both channels simultaneously)
  - Control insert 1-10 V
  - DALI insert
  - Controlling blinds/roller shutters locally, time switch, random function, sun protection function:
  - Blind control insert
  - Global switching, dimming, controlling blinds/roller shutters globally, time switch, random function:
  - Central unit insert

**Operating elements:** 2 buttons

**Display elements:** 1 status LED, 1 orientation LED

**Connection:** Module interface

To be completed with:

- Central unit insert  MTN5190-0000
- Electronic switch insert  MTN5151-00..
- Electronic switch insert, 2-gang  MTN5152-00..
- Relay switch insert  MTN5161-00..
- Relay switch insert, 2-gang  MTN5162-00..
- Blind control insert  MTN5165-0000
- Universal dimmer insert  MTN5171-00..
- Universal dimmer insert, 2-gang  MTN5172-00..
- 1-10 V insert  MTN5180-00..
- DALI insert  MTN5185-00..

To be completed with:

- Rocker for 1-gang push-button module System Design MTN5210-60..
- Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..

**Note:** Can be controlled via Bluetooth (available for devices with Bluetooth Smart Ready from V4.1).

The APP “Wiser Room” can run on devices from Android™ 4.4 and Apple® iOS9.1.
Wiser push-button module, 2-gang

For System Design.
Push-button module without rockers.
The push-button module is connected to the desired insert with a module interface, and is completed with the rockers for the 2-gang push-button module in the matching design.
Can be controlled remotely and programmed via the WISER Room App. You can carry out settings and use additional functions via the app, e.g.:

- Timer (staircase lighting)
- Time switch
- Random function
- Pulse generator
- Memory function
- Minimum/maximum brightness
- Magnetic contact
- Sun protection function
- Orientation light

Functions:
Local switching, calling up/saving scenes, time switch, random function, timer with/without warning, pulse generator:
- Electronic switch insert
- Relay switch insert

Local switching of both channels separately, time switch, random function, timer with/without warning, pulse generator:
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang

Local switching/dimming, calling up/saving scenes, time switch, random function, timer with/without warning:
- Universal dimmer insert
- Control insert 1-10 V
- DALI insert

Local switching/dimming of both channels separately, time switch, random function, timer with/without warning:
- Universal dimmer insert, 2-gang
  - Controlling blinds/roller shutters locally, calling up/saving comfort scenes (any position), time switch, random function:
    - Blind control insert

Global switching, dimming, controlling blinds/roller shutters, calling up/saving scenes, time switch, random function:
- Central unit insert

Operating elements:
- 4 buttons
Display elements:
- 2 status LEDs, 2 orientation LEDs
Connection:
- Module interface

To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00.., MTN5152-00..
- Relay switch insert MTN5161-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

To be completed with:
- Rocker for 2-gang push-button module System Design MTN5220-60..
- Rockers for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60..
- Rocker for 2-gang push-button module (Scene1/2, Up/Down) System Design MTN5227-60..

Note:
Can be controlled via Bluetooth (available for devices with Bluetooth Smart Ready from V4.1). The APP “Wiser Room” can run on devices from Android™ 4.4 and Apple® iOS9.1. All time controls and settings apply equally for both channels.
### PlusLink-Inserts

<table>
<thead>
<tr>
<th>Lamps</th>
<th>Motor</th>
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<th>1-10 V EBs</th>
<th>LED lamps</th>
<th>DALI EBs</th>
<th>Max. 1 motor</th>
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<tbody>
<tr>
<td>AC 230 V</td>
<td></td>
<td>Incandescent lamps</td>
<td>Halogen lamps</td>
<td>Dimmable wound transformers</td>
<td>Electronic transformers</td>
<td>1-10 V EBs</td>
<td>Energy saving lamps</td>
<td>1) RC mode</td>
<td>2) RL LED-mode</td>
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#### Universal dimmer insert

|                |              |                                             |            |            |            |            | —          | —          |            |            | —          | —         |
| 2-gang         | MTN5172-0000 |                                             | 50 - 200 W | 50 - 200 W | 50 - 200 VA | 50 - 200 W | —          | —          | —          | —          | —          | —         |

#### 1-10 V insert

| MTN5180-0000 | —          | —          | —          | —          | 25 control- | —          | —          | —          | —          | —          | —         |
|              |            |            |            |            | lable 1-10 V |            |            |            |            |            | —         |

#### DALI insert

| MTN5185-0000 | —          | —          | —          | —          | —          | —          | —          | —          | —          | —          | 15 control- |
|              |            |            |            |            |            |            |            |            |            |            | —          | lable DALI |
|              |            |            |            |            |            |            |            |            |            |            |            | EBs        |

#### Relay switch insert

| 1-gang       | MTN5161-0000 | 2200 W | 2000 W | 500 VA | 1050 W | —          | 100 VA | 100 W | —          | 1000 W     |
|              |              |        |        |        |        | —          |        |      | —          |            |
| 2-gang       | MTN5162-0000 | 2200 W | 2000 W | 500 VA | 1050 W | —          | 100 VA | 100 W | —          | 1000 W     |
|              |              |        |        |        |        | —          |        |      | —          |            |

#### ARGUS Presence relay

| 1-gang       | MTN5510-1119 | 2200 W | 2000 W | 500 VA | 1050 W | —          | 100 VA | 100 W | —          | 1000 W     |
|              |              |        |        |        |        | —          |        |      | —          |            |
| 2-gang       | MTN5510-1219 | 2200 W | 2000 W | 500 VA | 1050 W | —          | 100 VA | 100 W | —          | 1000 W     |
|              |              |        |        |        |        | —          |        |      | —          |            |

#### Electronic switch insert

| 1-gang       | MTN5151-0000 | 50 - 420 W | 50 - 420 W | 50 - 420 VA | —          | —          | —          | —          | —          | —          | —         |
|              |              |            |            |            | —          | —          | —          | —          | —          | —          | —         |
| 2-gang       | MTN5152-0000 | 50 - 220 W | 50 - 220 W | 50 - 220 VA | —          | —          | —          | —          | —          | —          | —         |
|              |              |            |            |            | —          | —          | —          | —          | —          | —          | —         |

#### Blind control insert

| MTN5165-0000 | —          | —          | —          | —          | —          | —          | —          | —          | —          | 1000 VA    |
Memory function: When the light is switched on, it has the last set brightness level.

Explanation of symbols:
- 230 V incandescent lamps
- 230 V halogen lamps
- Dimmable, wound transformers
- Dimmable, electronic transformers
- Electric motors

Relay switch insert

Version | Art. no.
---|---
MTN5161-0000

For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps.

With screw terminals,

With claw and screw fixing.

Functions:
- Switching of one output.
- The module determines how the function of the insert is used.
- External triggering via one PlusLink input.

Nominal voltage: AC 220/230 V, 50/60 Hz
Nominal current: max. 10 A, cos φ = 0.6
Outputs: 1 x make contact
Max. switching capacity per channel:
- Incandescent lamps: 2200 W
- HV halogen lamps: 2000 W
- LV halogen lamps with wound transformer: 500 VA
- Electronic transformers: 1050 W
- Capacitive load: 10 A, 140 µF
- Energy-saving lamps: 100 VA
- Motor load: 1000 VA
Neutral conductor: required (3 conductor system)
Wire range: max. 2x2.5 mm²

To be completed with:
- Push-button module Basic, 1-gang System Design MTN5110-60...
- Push-button module Basic, 2-gang System Design MTN5120-60...
- Push-button module Comfort, 1-gang System Design MTN5111-60...
- Push-button module Comfort, 2-gang System Design MTN5121-60...
- Wiser push-button module, 1-gang System Design MTN5113-60...
- Wiser push-button module, 2-gang System Design MTN5123-60...
- ARGUS 180 flush-mounted sensor module System Design MTN5710-60...
- ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60...
- Display timer module System Design MTN5755-60...
Accessories:
- PlusLink distributor (3 cycles) MTN5130-0001
- PlusLink Expander CCTD5130
- With mechanical push-buttons.

Transmitter:
- Side controller Plus, 1-gang System Design MTN5119-60...
- Side controller Plus, 2-gang System Design MTN5129-60...
- Central unit insert MTN5190-0000

Note: All controlling functions are included in the module. An insert without a module connected to it has no function.
For ohmic, inductive and capacitive loads such as incandescent lamps, energy-saving lamps, LV halogen lighting with conventional transformer, electronic transformers, fluorescent lamps. With screw terminals. With claw and screw fixing.

Functions:
- Switching of two outputs.
- The module determines how the function of the insert is used.
- External triggering via two PlusLink inputs.

Nominal voltage: AC 220/230 V, 50/60 Hz
Nominal current: max. 10 AX, cosφ = 0.6. The total load on both channels is not allowed to exceed 14 A

Outputs: 2 x make contacts
Max. switching capacity per channel:
- Incandescent lamps: 2200 W
- HV halogen lamps: 2000 W
- LV halogen lamps with wound transformer: 500 VA
- Electronic transformers: 1050 W
- Capacitive load: 10 A, 140 µF
- Energy-saving lamps: 100 VA
- Motor load: 1000 VA

Neutral conductor: required (3 conductor system)

To be completed with:
- Push-button module Basic, 1-gang System Design MTN5110-60...
- Push-button module Basic, 2-gang System Design MTN5120-60...
- Push-button module Comfort, 1-gang System Design MTN5111-60...
- Push-button module Comfort, 2-gang System Design MTN5121-60...
- Wiser push-button module, 1-gang System Design MTN5123-60...
- Wiser push-button module, 2-gang System Design MTN5123-60...
- ARGUS 180 flush-mounted sensor module System Design MTN5710-60...
- ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60...
- Display timer module System Design MTN5755-60...

Accessories:
- PlusLink distributor (3 cycles) MTN5130-0001
- PlusLink Expander CCTDT5130
- With mechanical push-buttons.

Note: All controlling functions are included in the module. An insert without a module connected to it has no function.
**Electronic switch insert**

**Version** | **Art. no.**
---|---
MTN5151-0000

For ohmic or inductive loads such as incandescent lamps and LV halogen lighting with conventional transformer.
With screw terminals.
With claw and screw fixing.

**Functions:**
- Switching of one output.
- The module determines how the function of the insert is used.
- External triggering via one PlusLink input.
- Overload and short-circuit-proof.

**Nominal voltage:** AC 220/230 V, 50/60 Hz

**Switching capacity:** 50-420 VA

**Neutral conductor:** not required (2 conductor system)

**Wire range:** max. 2x2.5 mm²

**To be completed with:**
- Push-button module Basic, 1-gang System Design MTN5110-60..
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 1-gang System Design MTN5111-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 1-gang System Design MTN5113-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- ARGUS 180 flush-mounted sensor module System Design MTN5710-60..
- ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60..
- Display timer module System Design MTN5755-60..

**Accessories:**
- PlusLink distributor (3 cycles) MTN5130-0001
- PlusLink Expander CCTDT5130

With mechanical push-buttons.

**Transmitter:**
- Side controller Plus, 1-gang System Design MTN5119-60..
- Side controller Plus, 2-gang System Design MTN5129-60..
- Central unit insert MTN5190-0000

**Note:** All controlling functions are included in the module. An insert without a module connected to it has no function.
Electronic switch insert, 2-gang

**Version** | **Art. no.**
--- | ---
MTN5152-0000

For ohmic or inductive loads such as incandescent lamps and LV halogen lighting with conventional transformer.

With screw terminals.

With claw and screw fixing.

**Functions:**
- Switching of two outputs.
- The module determines how the function of the insert is used.
- External triggering via two PlusLink inputs.
- Overload and short-circuit-proof.

**Nominal voltage:** AC 220/230 V, 50/60 Hz

**Outputs:** 2

**Switching capacity per channel:** 50-220 VA

**Neutral conductor:** not required (2 conductor system)

**Wire range:** max. 2x2.5 mm²

**To be completed with:** Push-button module Basic, 1-gang System Design MTN5110-60..
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 1-gang System Design MTN5111-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 1-gang System Design MTN5113-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- ARGUS 180 flush-mounted sensor module System Design MTN5710-60..
- ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60..
- Display timer module System Design MTN5756-60..
- **Accessories:** PlusLink distributor (3 cycles) MTN5130-0001
  - PlusLink Expander CCTDS5130
  - With mechanical push-buttons.
- **Transmitter:** Side controller Plus, 1-gang System Design MTN5119-60..
  - Side controller Plus, 2-gang System Design MTN5129-60..
  - Central unit insert MTN5190-0000

**Note:** All controlling functions are included in the module. An insert without a module connected to it has no function.
Universal dimmer insert

Version | Art. no.
--- | ---
MTN5171-0000

For ohmic, inductive or capacitive loads, e.g. incandescent lamps, dimmable LED lamps, dimmable wound transformers or dimmable electronic transformers. (Leading edge phase or trailing edge phase).
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
With screw terminals.
With claw and screw fixing.
Functions:
- Switching and dimming of one output.
- The module determines how the function of the insert is used.
- External triggering via one PlusLink input.
- Overload and short-circuit-proof.
- Soft start.
- Memory function.
Nominal voltage: AC 220/230 V, 50/60 Hz
Wire range: max. 2x2.5 mm²
Protection: 16 A circuit breaker
Neutral conductor: not required
Switching capacity with push-button module Basic and Comfort: LED lamps: 7-210 W (trailing edge phase)
7-50 W (leading edge phase)
Incandescent lamps: 10-420 W
Halogen lamps: 10-420 W (230 V)
30-420 VA (LV with dimmable wound transformer)
10-420 VA (LV with dimmable electronic transformer)
Switching capacity with push-button module Comfort Plus, Wiser push-button module, time switch, Argus:
LED lamps: 14-210 W (trailing edge phase)
14-50 W (leading edge phase), RL-LED mode can only be set via Wiser Room App and from dimmer insert version 0B.
Incandescent lamps: 20-420 W
Halogen lamps: 20-420 W (230 V)
40-420 VA (LV with dimmable wound transformer)
20-420 VA (LV with dimmable electronic transformer)
To be completed with:
- Push-button module Basic, 1-gang System Design MTN5110-60..
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 1-gang System Design MTN5111-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 1-gang System Design MTN5113-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- ARGUS 180 flush-mounted sensor module System Design MTN5710-60..
- ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60..
- Display timer module System Design MTN5795-60..
Accessories:
- PlusLink distributor (3 cycles) MTN5130-0001
- PlusLink Expander CCTDTS130
- With mechanical push-buttons.
Transmitter:
- Side controller Plus, 1-gang System Design MTN5119-60..
- Side controller Plus, 2-gang System Design MTN5129-60..
Central unit insert MTN5190-0000
Note: Information about the "Dimming LED lamps" can be obtained on the Internet at "Schneider-Electric dimmer test". http://schneider-electric.dimmer-test.com
All controlling functions are included in the module. An insert without a module connected to it has no function.
The new minimum switching capacities < 50 VA are only available from device version 0B.
Universal dimmer insert, 2-gang

For ohmic, inductive or capacitive loads, e.g. incandescent lamps, dimmable wound transformers or electronic transformers.

Phase control or phase alignment
The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.

With screw terminals.
With claw and screw fixing.

Functions:
- Switching and dimming of two outputs.
- The module determines how the function of the insert is used.
- External triggering via two PlusLink inputs.
- Overload and short-circuit-proof.
- Soft start.
- Memory function.

Nominal voltage: AC 220/230 V, 50/60 Hz
Outputs: 2
Switching capacity per channel: 50-200 VA
Neutral conductor: not required (2 conductor system)
Wire range: max. 2x2.5 mm²
To be completed with: Push-button module Basic, 1-gang System Design MTN5110-60..
Push-button module Basic, 2-gang System Design MTN5120-60..
Push-button module Comfort, 1-gang System Design MTN5111-60..
Push-button module Comfort, 2-gang System Design MTN5121-60..
Wiser push-button module, 1-gang System Design MTN5113-60..
Wiser push-button module, 2-gang System Design MTN5123-60..
ARGUS 180 flush-mounted sensor module System Design MTN5710-60...
ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60...
Display timer module System Design MTN5755-60..

Accessories: PlusLink distributor (3 cycles) MTN5130-0001
PlusLink Expander CCTDTS130
With mechanical push-buttons.

Transmitter: Side controller Plus, 1-gang System Design MTN519-60..
Side controller Plus, 2-gang System Design MTN5129-60..
Central unit insert MTN5190-0000

Note: All controlling functions are included in the module. An insert without a module connected to it has no function.
1-10 V insert

Version | Art. no.
---------|---------
         | MTN5180-0000

For fluorescent lamps with electronic ballast or electronic transformer with 1-10 V interface.
With screw terminals.
With claw and screw fixing.

Functions:
- Switching and dimming of one output.
- The module determines how the function of the insert is used.
- External triggering via one PlusLink input.
- Memory function.

Nominal voltage: AC 220/230 V, 50/60 Hz
Nominal current: max. 10 A, cosφ = 0.6
Control current: max. 50 mA
Load type: max. 25 controllable EBs (1-10 V)
Outputs: 1 x make contact, 1x (1-10 V)
Max. switching capacity:
Incandescent lamps: 2200 W
HV halogen lamps: 2000 W
LV halogen lamps with wound transformer: 500 VA
Electronic transformers: 1050 W
Capacitive load: 10 A, 140 µF
Neutral conductor: required (3 conductor system)
Wire range: max. 2x2.5 mm²

To be completed with:
- Push-button module Basic, 1-gang System Design MTN5110-60..
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 1-gang System Design MTN5111-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 1-gang System Design MTN5113-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- ARGUS 180 flush-mounted sensor module with switch System Design MTN5171-60..
- Display timer module System Design MTN5755-60..
- Accessories: PlusLink distributor (3 cycles) MTN5130-0001
- PlusLink Expander CCTDT5130
  With mechanical push-buttons.
- Transmitter: Side controller Plus, 1-gang System Design MTN5191-60..
- Side controller Plus, 2-gang System Design MTN5129-60..
- Central unit insert MTN5199-0000

Note: All controlling functions are included in the module. An insert without a module connected to it has no function.
**DALI insert**

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<th>Version</th>
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<td>MTN5185-0000</td>
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</table>

For triggering up to 15 DALI EBs.
With screw terminals.
With claw and screw fixing.

**Functions:**
- Switching and dimming of DALI EBs.
- The module determines how the function of the insert is used.
- External triggering via one PlusLink input.
- Overload and short-circuit-proof.
- Memory function.
- Up to 6 DALI control inserts can be connected to one DALI line. However the maximum number of 64 DALI EBs and a cable length of 300 m must not be exceeded.

**Nominal voltage:** AC 220/230 V, 50/60 Hz
**Type:** Category I control device
**Load type:** max. 15 controllable DALI EBs
**DALI output current:** max. 30 mA
**DALI output voltage:** DC 15 V
**Neutral conductor:** required (3 conductor system)
**Wire range:** max. 2x2.5 mm²

**To be completed with:** Push-button module Basic, 1-gang System Design MTN5110-60..
Push-button module Basic, 2-gang System Design MTN5120-60..
Push-button module Comfort, 1-gang System Design MTN5111-60..
Push-button module Comfort, 2-gang System Design MTN5121-60..
Wiser push-button module, 1-gang System Design MTN5113-60..
Wiser push-button module, 2-gang System Design MTN5123-60..
ARGUS 180 flush-mounted sensor module System Design MTN5710-60..
ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60..
Display timer module System Design MTN5755-60..
**Accessories:** PlusLink distributor (3 cycles) MTN5130-0001
PlusLink Expander CCTDT5130

With mechanical push-buttons.

**Transmitter:** Side controller Plus, 1-gang System Design MTN5119-60..
Side controller Plus, 2-gang System Design MTN5129-60..
Central unit insert MTN5190-0000

**Note:** All controlling functions are included in the module. An insert without a module connected to it has no function.
Blind control insert

Version Art. no.

MTN5165-0000

For local control of a blind/roller shutter motor with limit switch.
The insert has two relay contacts electrically locked against each other that reliably prevent simultaneous triggering of the two relay outputs.
With screw terminals.
With claw and screw fixing.

Functions:
- The module determines how the function of the insert is used.
- Slat adjustment in blinds.
- External triggering via two PlusLink inputs.

Nominal voltage: AC 220/230 V, 50/60 Hz
Outputs: 2 make contacts (interlocked)

Motor load: 1 motor, max. 1000 VA
Neutral conductor: required (3 conductor system)
Wire range: max. 2x2.5 mm²

To be completed with:
- Push-button module Basic, 1-gang System Design MTN5110-60..
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 1-gang System Design MTN5111-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 1-gang System Design MTN5113-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- Display timer module System Design MTN5755-60..

Accessories:
- PlusLink distributor (3 cycles) MTN5130-0001
- PlusLink Expander CCTDT5130
- With mechanical push-buttons.

Transmitter:
- Side controller Plus, 1-gang System Design MTN5119-60..
- Side controller Plus, 2-gang System Design MTN5129-60..
- Central unit insert MTN5190-0000
- Brightness sensor interface flush-mounted MTN5195-01..

Note: All controlling functions are included in the module. An insert without a module connected to it has no function.
Central unit insert

For triggering all devices with PlusLink input. The device has four PlusLink outputs. The control function via PlusLink requires a separate core in the installation to the receiving devices for each PlusLink line. With screw terminals. With claw and screw fixing.

Functions:
- Global control via four PlusLink outputs.
- The module determines how the function of the insert is used.
- Pressing a mechanical push-button (panic push-button) on PlusLink output 1 calls up a panic scene at all connected devices in the three PlusLink lines.

Nominal voltage: AC 220/230 V, 50/60 Hz

Outputs: 4 x PlusLink

Neutral conductor: required (3 conductor system)

Wire range: max. 2x2.5 mm²

To be completed with:
- Push-button module Basic, 1-gang System Design MTN5110-60..
- Push-button module Basic, 2-gang System Design MTN5120-60..
- Push-button module Comfort, 1-gang System Design MTN5111-60..
- Push-button module Comfort, 2-gang System Design MTN5121-60..
- Wiser push-button module, 1-gang System Design MTN513-60..
- Wiser push-button module, 2-gang System Design MTN5123-60..
- ARGUS 180 flush-mounted sensor module System Design MTN5710-60..
- ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60..
- Display timer module System Design MTN5756-60..

Accessories:
- PlusLink distributor (3 cycles) MTN5130-0001
- PlusLink Expander CCTDT5130
- Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- Blind control insert MTN5165-0000

1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

Note: All controlling functions are included in the module. An insert without a module connected to it has no function.
Side controller Plus, 1-gang

<table>
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<tr>
<th>Version</th>
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<tbody>
<tr>
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<td>MTN5119-6000</td>
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</table>

For System Design.
One PlusLink line with PlusLink input for triggering all devices. The device has one PlusLink output.
The control function via PlusLink requires a separate core in the installation to the receiving devices.
With screw terminals.
With claw and screw fixing.

Functions:
- Line control via a PlusLink output.
- Switching, dimming connected loads.
- Controlling blinds/roller shutters, slat adjustment.

Nominal voltage: AC 220/230 V, 50/60 Hz
Output: 1 x PlusLink
Neutral conductor: not required (2 conductor system)

Wire range: max. 2x2.5 mm²
To be completed with:
- Rocker for 1-gang push-button module System Design MTN5210-60..
- Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..

Accessories:
- PlusLink Expander CCTDT5130
- Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- Blind control insert MTN5180-0000
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

Note: All controlling functions are included in the module. An insert without a module connected to it has no function.
### PlusLink-Inserts

**Side controller Plus, 2-gang**

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<th>Version</th>
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<tr>
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<td>MTN5129-6000</td>
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</tbody>
</table>

For System Design.

One PlusLink line with PlusLink input for triggering all devices. The device has one PlusLink output.

The control function via PlusLink requires a separate core in the installation to the receiving devices.

With screw terminals.

**Functions:**
- Line control via a PlusLink output.
- Switching, dimming connected loads.
- Controlling blinds/roller shutters, slat adjustment.
- 2 scene buttons for calling-up/saving scenes.

**Nominal voltage:** AC 220/230 V, 50/60 Hz

**Output:** 1 x PlusLink

**Neutral conductor:** not required (2 conductor system)

**Wire range:** max. 2x2.5 mm²

**To be completed with:**
- Rocker for 2-gang push-button module System Design MTN5220-60..
- Rockers for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60..
- Rocker for 2-gang push-button module (Scene 1/2, Up/Down) System Design MTN5227-60..

**Accessories:**
- PlusLink Expander CCTDT5130
- Receiver: Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- Blind control insert MTN5165-0000
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

**Note:** All controlling functions are included in the module. An insert without a module connected to it has no function.

### PlusLink distributor (3 cycles)

<table>
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<td>MTN5130-0001</td>
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</table>

The PlusLink distributor is required when signals should be distributed from a PlusLink line to other PlusLink lines on different cycles, e.g. from PL1 (on L1) to PL2 (on L2) or PL2 (on L3).

This only happens in one direction. This means that several PlusLink distributors may be required under certain circumstances. The device provides electrical separation between the cycles. The PlusLink distributor can therefore be installed when more than one RCB (Residual Circuit Breakers) is in use. A signal distribution is conducted not an electrical transmission.

With screw terminals.

Suitable for installation on DIN rails TH35 according to EN 60715.

**Nominal voltage:** AC 220/230 V

**Neutral conductor:** required (3 conductor system)

**Wire cross section:** max. 2.5 mm²

**Device width:** 1 module = 18 mm
The PlusLink extension needs to be integrated into one or more PL-lines if these are protected by at least two circuit breakers.

If a circuit breaker is triggered in the event of maintenance work or a fault, then the PlusLink expansion will disconnect the PlusLink line automatically as well. This is necessary because the PlusLink line would otherwise continue to be live via the other circuit breakers.

With screw terminals.

Suitable for installation on DIN rails TH35 according to EN 60715.

**Nominal voltage:** AC 220/230 V

**Neutral conductor:** required (3 conductor system)

**Wire range:** max. 4 mm²

**Device width:** 1 HP = 18 mm

**Receiver:**
- ARGUS Presence Master with IR, relay 1-gang MTN5510-1119
- ARGUS Presence Master with IR, relay 2-gang MTN5510-1219
- ARGUS Presence Master with IR, 1-10 V MTN5510-1419
- ARGUS Presence Master with IR, DALI MTN5510-1519
Room temperature control units

Room temperature controller 230 V with switch and central plate

<table>
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<tr>
<td>mocca metallic</td>
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Room temperature controller 24 V with switch and central plate

<table>
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<tr>
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<td>mocca metallic</td>
<td>MTN5761-6052</td>
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For System Design.
For electromotive valve drives which are de-energised closed.
Range limiting integrated into setting knob.
With plug-in terminals.
With screw fixing.
Functions:
- With ON/OFF switch and control lamp
- 1 x make contact
- Differential gap 0.5 K
- Temperature range approx. 5-30 °C
- Connection for time-controlled night reduction by approx. 4 K
- With thermal recirculation

Nominal voltage: AC 230 V
Nominal current (ohmic): 10 A
Nominal current (inductive): 4 A, cos φ = 0.6
Heating switching capacity: 2200 W

For System Design.
For electromotive valve drives which are de-energised closed.
Range limiting integrated into setting knob.
With plug-in terminals.
With screw fixing.
Functions:
- With ON/OFF switch and control lamp
- 1 x make contact
- Differential gap 0.5 K
- Temperature range approx. 5-30 °C
- Connection for time-controlled night reduction by approx. 4 K
- With thermal recirculation

Nominal voltage: AC 24 V
Nominal current (ohmic): 10 A
Nominal current (DC): 4 A, max. 100 W
Heating switching capacity: 240 W
Room temperature controller 230 V with two way contact and central plate

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Room temperature controller 24 V with two way contact and central plate

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<td>mocca metallic</td>
<td>MTN5763-6052</td>
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</table>

For System Design.
For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed).
Range limiting integrated into setting knob.
With plug-in terminals.
With screw fixing.
Functions:
- 1 x changeover contact
- Differential gap 0.5 K
- Temperature range approx. 5-30 °C
- With thermal recirculation

Nominal voltage: AC 230 V
Heating nominal current: 10 A (4 A, cos φ = 0.6)
Heating switching capacity: 2200 W
Cooling nominal current: 5 A (2 A, cos φ = 0.6)
Cooling switching capacity: 1100 W

For System Design.
For electric underfloor heating if the additional heater has to be interlocked, air conditioning (cooling), valve drives (de-energised open or closed).
Range limiting integrated into setting knob.
With plug-in terminals.
With screw fixing.
Functions:
- 1 x changeover contact
- Differential gap 0.5 K
- Temperature range approx. 5-30 °C
- With thermal recirculation

Nominal voltage: AC 24 V
Heating nominal current: 10 A (DC 4 A)
Heating switching capacity: 240 W (DC 100 W)
Cooling nominal current: 5 A (DC 2 A)
Cooling switching capacity: 120 W (DC 30 W)
### Heating control

**Floor thermostat 230 V with switch and central plate**

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<tr>
<td>Anthracite</td>
<td>MTN5764-6034</td>
</tr>
<tr>
<td>Sahara</td>
<td>MTN5764-6033</td>
</tr>
<tr>
<td>Stainless steel</td>
<td>MTN5764-6036</td>
</tr>
<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>Nickel metallic</td>
<td>MTN5764-6050</td>
</tr>
<tr>
<td>Champagne metallic</td>
<td>MTN5764-6051</td>
</tr>
<tr>
<td>Mocca metallic</td>
<td>MTN5764-6052</td>
</tr>
</tbody>
</table>

For System Design.
For electrical underfloor heating with NTC sensor.
Range limiting integrated into setting knob.
With remote sensor on 4 m incoming lead, extendable with twin-core cable.
With plug-in terminals.
With screw fixing.

**Functions:**
- With switch and control lights
- 1 x make contact
- Differential gap 1 K
- Temperature range approx. 10-50°C
- Connection for time-controlled night reduction by approx. 5 K

**Nominal voltage:** AC 230 V
**Nominal current (ohmic):** 10 A
**Nominal current (inductive):** 4 A, \(\cos \phi = 0.6\)
**Heating switching capacity:** 2300 W

### Central plate for universal temperature control unit insert with touch display

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lotus white</td>
<td>MTN5775-6035</td>
</tr>
<tr>
<td>Anthracite</td>
<td>MTN5775-6034</td>
</tr>
<tr>
<td>Sahara</td>
<td>MTN5775-6033</td>
</tr>
<tr>
<td>Stainless steel</td>
<td>MTN5775-6036</td>
</tr>
<tr>
<td>Metal</td>
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</tr>
<tr>
<td>Nickel metallic</td>
<td>MTN5775-6050</td>
</tr>
<tr>
<td>Champagne metallic</td>
<td>MTN5775-6051</td>
</tr>
<tr>
<td>Mocca metallic</td>
<td>MTN5775-6052</td>
</tr>
</tbody>
</table>

For System Design.
The push-button enables the room temperature control unit and the connected load to be disconnected from the network at both terminals.

**To be completed with:** Universal temperature control unit insert with touch display MTN5775-0000
Programmable universal temperature control unit insert with touch display MTN5776-0000
Heating control

Programmable universal temperature control unit insert with touch display

Version Art. no.
MTN5776-0000

The room or floor temperature can be controlled using the programmable universal temperature control unit insert with touch display. It is operated via a touch display.

Electrical underfloor heating, radiators or valve drives can be connected to the control unit. The thermostat has a weekly clock with individually adjustable programs. Alternatively, you can choose between 3 pre-programmed weekly programs.

Different heating modes are available: comfort mode, eco mode and frost protection mode. The thermostat can be operated in four different operating modes:

- **Room temperature mode**
  - The internal temperature sensor detects and controls the room temperature.

- **Floor mode**
  - The floor sensor, which is available as an accessory, detects the floor temperature and controls the electrical under floor heating.

- **Dual mode**
  - The internal temperature sensor detects and controls the room temperature. At the same time, the floor sensor monitors the floor temperature and limits it to the predefined maximum temperature value. This operating mode is particularly recommended for temperature-sensitive parquet and laminate floors.

- **PWM mode**
  - The pulse width modulator (PWM) switches the heating on and off at regular intervals. The preferred temperature is set via the PWM value. The floor sensor has no function in this operating mode. The room temperature limits are complied with.

**Functions:**
- Automatic changeover between summer and winter time
- Valve protection function
- Operating hours display
- Control unit behaviour: PWM or 2-level
- Relay output behaviour: Break/make contact
- Self-learning lead times

**Type-Number:** WTH-16
**Nominal voltage:** 230 V AC, 50 Hz
**Nominal load (ohmic):** 3680 W, 16 A
**Nominal load (inductive):** 1 A, cos φ = 0.6
**Operating temperature:** -10 °C to +35 °C
**Adjustment range**
  - **Room temperature:** +5 °C to +35 °C
  - **Floor temperature:** +5 °C to +50 °C

**To be completed with:**
- Central plate for universal temperature control unit insert with touch display System M MTN5775-03../-04..
- System Design MTN5775-60..
- Artec/Antique MTN5775-40../-41..

**Accessories:**
- Remote sensor for universal room temperature control unit with touch display MTN5775-0003
Universal temperature control unit insert with touch display

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<tbody>
<tr>
<td></td>
<td>MTN5775-0000</td>
</tr>
</tbody>
</table>

The room or floor temperature can be controlled using the universal control unit insert with touch display. It is operated via a touch display.

Electrical underfloor heating, radiators or valve drives can be connected to the controller.

The thermostat can be operated in three different modes:

**Ambient air mode**
- The internal temperature sensor detects and controls the room temperature.

**Floor mode**
- The floor sensor which is available as an accessory, detects the floor temperature and controls the electrical under floor heating.

**Dual mode**
- The internal temperature sensor detects and controls the room temperature. At the same time, the floor sensor monitors the floor temperature and limits this to the predefined maximum temperature value. This mode is particularly recommended for parquet and laminate floors.

**Nominal voltage:** AC 230 V, 50 Hz

**Nominal load (ohmic):** 16 A

**Nominal load (inductive):** 1 A, cos Φ = 0.6

**To be completed with:** Central plate for universal temperature control unit insert with touch display System M MTN5775-03../-04..

Artec/Antique MTN5775-40../-41..

**Accessories:** Remote sensor for universal room temperature control unit with touch display MTN5775-0003

Remote sensor for universal room temperature control unit with touch display

<table>
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<tr>
<th>Version</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MTN5775-0003</td>
</tr>
</tbody>
</table>

For use with underfloor heating systems.

**To be completed with:** Universal temperature control unit insert with touch display MTN5775-0000

Programmable universal temperature control unit insert with touch display MTN5776-0000
Blind control

Roller shutter switches

QuickFlex

Features:
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised retaining ring insulated to the claw.

Rocker for roller shutter switch and push-button

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
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</table>

Thermoplastic

- lotus white  MTN3855-6035
- anthracite  MTN3855-6034
- sahara      MTN3855-6033
- stainless steel  MTN3855-6036

Metal

- nickel metallic  MTN3855-6050
- champagne metallic  MTN3855-6051
- mocca metallic  MTN3855-6052

For roller shutter rocker switch and rocker button insert.

To be completed with: Roller shutter switch insert 1 pole, flush-mounted  MTN3715-0000
Roller shutter switch insert with additional contact 1 pole, flush-mounted  MTN3714-0000
Roller shutter push-button insert 1 pole, flush-mounted  MTN3755-0000

Roller shutter switch insert 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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</thead>
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</table>

10 AX, 250 V AC, screwless terminals  MTN3715-0000

With mechanical reverse lock-out and electrical interlock.

Features:
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with: Roller shutter switch and push-button System M  MTN4324../MTN4355..
System Design MTN3855-60..
Artec/Antique MTN4115..
Aquadesign MTN3434..
### Blind control

#### Roller shutter switch insert with additional contact 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 AX, 250 V AC, screwless terminals</td>
<td>MTN3714-0000</td>
</tr>
</tbody>
</table>

With mechanical reverse lock-out and electrical interlock.

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

**To be completed with:**
- Rocker for roller shutter switch and push-button System M
  MTN4324../MTN4355..
- System Design MTN3855-60..
- Artec/Antique MTN4115..
- Aquadesign MTN3434..

#### Roller shutter push-button insert 1 pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A, AC 250 V, screwless terminals</td>
<td>MTN3755-0000</td>
</tr>
</tbody>
</table>

With mechanical reverse lock-out and electrical interlock.

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

**To be completed with:**
- Rocker for roller shutter switch and push-button System M
  MTN4324../MTN4355..
- System Design MTN3855-60..
- Artec/Antique MTN4115..
- Aquadesign MTN3434..

#### Roller shutter rocker button insert

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-pole</td>
<td>MTN315500</td>
</tr>
</tbody>
</table>

10 A, 250 V AC

With mechanical reverse lock-out and electrical interlock.

**To be completed with:**
- Rocker for roller shutter switch and push-button System M
  MTN4324../MTN4355..
- Artec/Antique MTN4115..
## Blind control

### Central plate for switch/push button rotary switch insert for roller shutters

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN3875-6035</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN3875-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN3875-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN3875-6036</td>
</tr>
<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN3875-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN3875-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN3875-6052</td>
</tr>
</tbody>
</table>

**To be completed with:** Switch/push button rotary switch insert for roller shutters MTN317200

### Switch/push button rotary switch insert for roller shutters

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-pole</td>
<td>MTN317200</td>
</tr>
</tbody>
</table>

10 A, 250 V AC

Can be used as push-button with the locking disc provided. Operated via a rotary knob.

**To be completed with:** Central plate for switch/push button rotary switch insert for roller shutters System M MTN5671.., MTN5698.., System Design MTN3875-60.., Artec/Antique MTN3192..
### Blind Control-PlusLink

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>MTN5165-0000</th>
<th>MTN5190-0000</th>
<th>MTN5119-6000</th>
<th>MTN5129-6000</th>
<th>MTN5195-0100</th>
</tr>
</thead>
</table>

**PlusLink Inputs/Outputs**

<table>
<thead>
<tr>
<th>Possible Loads</th>
<th>2 PlusLink inputs</th>
<th>4 PlusLink outputs</th>
<th>1 PlusLink output</th>
<th>1 PlusLink output</th>
<th>1 PlusLink output</th>
</tr>
</thead>
</table>

**PlusLink Functions**

- When used in combination with mechanical push-button to PL1: panic scene
- Raising/lowering
- Raising/lowering
- Blind scenes calling up/saving

**Neutral**

- Yes
- Yes
- No
- No
- Yes

### Push-button modules

**Push-button module Basic, 1-gang**

- System Design MTN5110-6000
- Raising/lowering
- Sun protection function
- Disabling blind movement (with magnetic contact)

**Push-button module Basic, 2-gang**

- System Design MTN5120-6000
- Raising/lowering
- Basic blind scenes calling up/saving (fully up/down)
- Sun protection function
- Disabling blind movement (with magnetic contact)

**Push-button module Comfort, 1-gang**

- System Design MTN5111-6000
- Raising/lowering
- Sun protection function
- Disabling blind movement (with magnetic contact)

**Push-button module Comfort, 2-gang**

- System Design MTN5121-6000
- Raising/lowering
- Comfort blind scenes calling up/saving (fully up/down)
- Sun protection function
- Disabling blind movement (with magnetic contact)

**Wiser push-button module, 1-gang**

- System Design MTN5113-6000
- Raising/lowering
- Sun protection function
- Disabling blind movement (with magnetic contact)
- Additional App functions such as:
  - Time switch

**Wiser push-button module, 2-gang**

- System Design MTN5123-6000
- Raising/lowering
- Blind scenes calling up/saving (any position)
- Sun protection function
- Disabling blind movement (with magnetic contact)

### Display timer module

**Display timer module**

- System Design: MTN5755-60...
- Raising/lowering
- Time control
- 7 Weekday groups
- Astro function
- Random function
- Sun protection function
- Disabling blind movement (with magnetic contact)

**Display timer module**

- System Design: MTN5755-60...
- Raising/lowering
- Alternately, scenes (from version 1.5)
- Separate time control per PL line

### Sensors

**Sun/twilight sensor**

- MTN50691

**Magnetic contact**

- —

**PlusLink-Funktionen**

- Sun protection function
- Disabling blind movement (with magnetic contact)
Blind control system, push-buttons

Rocker for 1-gang push-button module (Up/Down)

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>thermostatic</td>
<td></td>
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<tr>
<td>lotus white</td>
<td>MTN5215-6035</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN5215-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN5215-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN5215-6036</td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN5215-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN5215-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN5215-6052</td>
</tr>
</tbody>
</table>

For System Design.
The rocker is attached to the 1-gang push-button module.
To be completed with: Push-button module Basic, 1-gang System Design MTN5110-60..
Push-button module Comfort, 1-gang System Design MTN5111-60..
Wiser push-button module, 1-gang System Design MTN5113-60..
Side controller Plus, 1-gang System Design MTN5119-60..
Push-button module Basic, 1-gang

For System Design.

Push-button module without rocker.
The push-button module is connected to the desired insert with a module interface, and is completed with the rocker for the 1-gang push-button module in the matching design.

Functions:

**Local switching:**
- Electronic switch insert
- Relay switch insert
- Electronic switch insert, 2-gang (both channels simultaneously)
- Relay switch insert, 2-gang (both channels simultaneously)

**Local switching/dimming:**
- Universal dimmer insert
- Universal dimmer insert, 2-gang (both channels simultaneously)
- Control insert 1-10 V
- DALI control insert

Controlling blinds/roller shutters locally:
- Blind control insert

**Global switching, dimming, controlling blinds/roller shutters:**
- Central unit insert

Operating elements: 2 buttons

Display elements: 1 status LED, 1 orientation LED

Connection: Module interface

**To be completed with:**
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

**To be completed with:**
- Rocker for 1-gang push-button module System Design MTN5210-60..
- Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..
Push-button module Comfort, 1-gang

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
<tr>
<td></td>
<td>MTN5111-6000</td>
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</tbody>
</table>

For System Design.

Push-button module without rocker.

The push-button module is connected to the desired insert with a module interface, and is completed with the rocker for the 1-gang push-button module in the matching design.

Functions:

Local switching, starting staircase timer (with/without warning), pulse generator:
- Electronic switch insert
- Relay switch insert
- Electronic switch insert, 2-gang (both channels simultaneously)
- Relay switch insert, 2-gang (both channels simultaneously)

Local switching/dimming, staircase timer (with/without warning):
- Universal dimmer insert
- Universal dimmer insert, 2-gang (both channels simultaneously)
- Control insert 1-10 V
- DALI control insert

Controlling blinds/roller shutters locally, sunshade function:
- Blind control insert

Global switching, dimming, controlling blinds/roller shutters:
- Central unit insert

Operating elements: 2 buttons

Display elements: 1 status LED, 1 orientation LED

Connection: Module interface

To be completed with:
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

To be completed with:
- Rocker for 1-gang push-button module System Design MTN5210-60..
- Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..
**Blind control-PlusLink**

**Wiser push-button module, 1-gang**

<table>
<thead>
<tr>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MTN5113-6000</td>
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</tbody>
</table>

For System Design.

Push-button module without rocker.

The push-button module is connected to the desired insert with a module interface, and is completed with the rocker for the 1-gang push-button module in the matching design.

Can be controlled remotely and programmed via the WISER Room App. You can carry out settings and use additional functions via the app, e.g.:

- Timer (staircase lighting)
- Time switch
- Random function
- Pulse generator
- Memory function
- Minimum/maximum brightness
- Magnetic contact
- Sun protection function
- Orientation light

**Functions:**

Local switching, time switch, random function, timer with/without warning, pulse generator:

- Electronic switch insert
- Relay switch insert
- Electronic switch insert, 2-gang (both channels simultaneously)
- Relay switch insert, 2-gang (both channels simultaneously)
- Local switching/dimming, time switch, random function, timer with/without warning:
- Universal dimmer insert
- Universal dimmer insert, 2-gang (both channels simultaneously)
- Control insert 1-10 V
- DALI insert
  - Controlling blinds/roller shutters locally, time switch, random function, sun protection function:
  - Blind control insert
- Global switching, dimming, controlling blinds/roller shutters globally, time switch, random function:
  - Central unit insert

**Operating elements:** 2 buttons

**Display elements:** 1 status LED, 1 orientation LED

**Connection:** Module interface

**To be completed with:**

- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00...
- Electronic switch insert, 2-gang MTN5152-00...
- Relay switch insert MTN5161-00...
- Relay switch insert, 2-gang MTN5162-00...
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00...
- Universal dimmer insert, 2-gang MTN5172-00...
- 1-10 V insert MTN5180-00...
- DALI insert MTN5185-00...

**To be completed with:**

- Rocker for 1-gang push-button module System Design MTN5210-60..
- Rocker for 1-gang push-button module (Up/Down) System Design MTN5215-60..

**Note:**

- Can be controlled via Bluetooth (available for devices with Bluetooth Smart Ready from V4.1).
- The APP “Wiser Room” can run on devices from Android™ 4.4 and Apple® iOS9.1.
Rocker for 2-gang push-button module (Scene1/2, Up/Down)

<table>
<thead>
<tr>
<th>Version</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>☑️ lotus white</td>
<td>MTN5227-6035</td>
</tr>
<tr>
<td>☑️ anthracite</td>
<td>MTN5227-6034</td>
</tr>
<tr>
<td>☑️ sahara</td>
<td>MTN5227-6033</td>
</tr>
<tr>
<td>☑️ stainless steel</td>
<td>MTN5227-6036</td>
</tr>
<tr>
<td>☑️ nickel metallic</td>
<td>MTN5227-6050</td>
</tr>
<tr>
<td>☑️ champagne metallic</td>
<td>MTN5227-6051</td>
</tr>
<tr>
<td>☑️ mocca metallic</td>
<td>MTN5227-6052</td>
</tr>
</tbody>
</table>

For System Design.
The rockers are attached to the 2-gang push-button module.
To be completed with: Push-button module Basic, 2-gang System Design MTN5120-60..
Push-button module Comfort, 2-gang System Design MTN5121-60..
Wiser push-button module, 2-gang System Design MTN5123-60..
Side controller Plus, 2-gang System Design MTN5129-60..
Push-button module Basic, 2-gang

Version  Art. no.

MTN5120-6000

For System Design.
Push-button module without rockers.
The push-button module is connected to the desired insert with a module interface, and is completed with the rockers for the 2-gang push-button module in the matching design.

Functions:
Local switching, calling up/saving scenes:
- Electronic switch insert
- Relay switch insert

Separate switching of both channels locally:
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang

Local switching/dimming, calling up/saving scenes:
- Universal dimmer insert
- Control insert 1-10 V
- DALI control insert

Separate switching/dimming of both channels locally:
- Universal dimmer insert, 2-gang

Controlling blinds/roller shutters locally, calling up/saving scenes:
- Blind control insert

Global switching, dimming, controlling blinds/roller shutters, calling up/saving scenes:
- Central unit insert

Operating elements: 4 buttons
Display elements: 2 status LEDs, 2 orientation LEDs
Connection: Module interface

To be completed with:
Central unit insert  MTN5190-0000
Electronic switch insert  MTN5151-00...
Electronic switch insert, 2-gang  MTN5152-00...
Relay switch insert  MTN5161-00...
Relay switch insert, 2-gang  MTN5162-00...
Blind control insert  MTN5165-0000
Universal dimmer insert  MTN5171-00...
Universal dimmer insert, 2-gang  MTN5172-00...
1-10 V insert  MTN5180-00...
DALI insert  MTN5185-00...

To be completed with:
Rocker for 2-gang push-button module System Design MTN5220-60...
Rockers for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60...
Rocker for 2-gang push-button module (Scene1/2, Up/Down) System Design MTN5227-60...
### Push-button module Comfort, 2-gang

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<tbody>
<tr>
<td></td>
<td>MTN5121-6000</td>
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</table>

For System Design.
Push-button module without rockers.
The push-button module is connected to the desired insert with a module interface, and is completed with the rockers for the 2-gang push-button module in the matching design.

**Functions:**
- Local switching, calling up/saving scenes, starting staircase timer (with/without warning), pulse generator, duration on/off:
  - Electronic switch insert
  - Relay switch insert
- Switching both channels locally, starting staircase timer (with/without warning), pulse generator, duration on/off:
  - Electronic switch insert, 2-gang
  - Relay switch insert, 2-gang
- Local switching/dimming, calling up/saving scenes, starting staircase timer (with/without warning), duration on/off:
  - Universal dimmer insert
  - Control insert 1-10 V
  - DALI control insert
- Switching/dimming both channels locally, starting staircase timer (with/without warning), duration on/off:
  - Universal dimmer insert, 2-gang
- Controlling blinds/roller shutters locally, calling up/saving comfort scenes (positions):
  - Blind control insert
- Global switching, dimming, controlling blinds/roller shutters, calling up/saving scenes:
  - Central unit insert

**Operating elements:** 4 buttons
**Display elements:** 2 status LEDs, 2 orientation LEDs

**Connection:** Module interface

**To be completed with:**
- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00..
- Electronic switch insert, 2-gang MTN5152-00..
- Relay switch insert MTN5161-00..
- Relay switch insert, 2-gang MTN5162-00..
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00..
- Universal dimmer insert, 2-gang MTN5172-00..
- 1-10 V insert MTN5180-00..
- DALI insert MTN5185-00..

**To be completed with:**
- Rocker for 2-gang push-button module System Design MTN5220-60..
- Rockers for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60..
- Rocker for 2-gang push-button module (Scene 1/2, Up/Down) System Design MTN5227-60..
Wiser push-button module, 2-gang

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<tr>
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<td>MTN5123-6000</td>
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</table>

For System Design.

Push-button module without rockers.

The push-button module is connected to the desired insert with a module interface, and is completed with the rockers for the 2-gang push-button module in the matching design.

Can be controlled remotely and programmed via the WISER Room App. You can carry out settings and use additional functions via the app, e.g.:

- Timer (staircase lighting)
- Time switch
- Random function
- Pulse generator
- Memory function
- Minimum/maximum brightness
- Magnetic contact
- Sun protection function
- Orientation light

Functions:

Local switching, calling up/ saving scenes, time switch, random function, timer with/without warning, pulse generator:

- Electronic switch insert
- Relay switch insert

Local switching of both channels separately, time switch, random function, timer with/without warning, pulse generator:

- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang

Local switching/dimming, calling up/ saving scenes, time switch, random function, timer with/without warning:

- Universal dimmer insert
- Control insert 1-10 V
- DALI insert

Local switching/dimming of both channels separately, time switch, random function, timer with/without warning:

- Universal dimmer insert, 2-gang
- Controlling blinds/roller shutters locally, calling up/saving comfort scenes (any position), time switch, random function:

- Blind control insert

Global switching, dimming, controlling blinds/roller shutters, calling up/saving scenes, time switch, random function:

- Central unit insert

Operating elements: 4 buttons

Display elements: 2 status LEDs, 2 orientation LEDs

Connection: Module interface

To be completed with:

- Central unit insert MTN5190-0000
- Electronic switch insert MTN5151-00...
- Electronic switch insert, 2-gang MTN5152-00...
- Relay switch insert MTN5161-00...
- Relay switch insert, 2-gang MTN5162-00...
- Blind control insert MTN5165-0000
- Universal dimmer insert MTN5171-00...
- Universal dimmer insert, 2-gang MTN5172-00...
- 1-10 V insert MTN5180-00...
- DALI insert MTN5185-00...

To be completed with:

- Rocker for 2-gang push-button module System Design MTN5220-60...
- Rockers for 2-gang push-button module (scene 1/2, blank) System Design MTN5226-60...
- Rocker for 2-gang push-button module (Scene1/2, Up/Down) System Design MTN5227-600...

Note: Can be controlled via Bluetooth (available for devices with Bluetooth Smart Ready from V4.1).

The APP “Wiser Room” can run on devices from Android™ 4.4 and Apple® iOS9.1.

All time controls and settings apply equally for both channels.
Display timer module

**Version**  | **Art. no.**
---|---
Thermoplastic  |  
- Lotus white  | MTN5755-6035  
- Anthracite  | MTN5755-6034  
- Sahara  | MTN5755-6033  
- Stainless steel  | MTN5755-6036  
- Nickel metallic  | MTN5755-6050  
- Champagne metallic  | MTN5755-6051  
- Mocca metallic  | MTN5755-6052  

For System Design.

For programmed and time-dependent switching of loads such as lighting or blind/roller shutter motors.

**Number of switching cycles (switching on/off, raising/lowering):**

- Switching, dimming, blind inserts:
  - Per channel: 2 switching cycles / day
- Central unit insert:
  - Per PL line: 2 switching cycles / day

**Functions:**

- Pre-set switching times (in free groups)
- Menu-controlled operation
- Power reserve > 6 hours
- Reset to restore factory settings
- Random-check generator can be activated (in the range 0 - 30 mins)
- Astro function
- Simple to switch from summer to winter time
- Individual running time can be programmed
- Manual operation possible at any time
- Selectable arrow key function for push buttons or global scenes
- Setting the brightness values for the sun protection function
- Behaviour at wind alarm can be set

**Local switching:**

- Electronic switch insert
- Relay switch insert
- Electronic switch insert, 2-gang
- Relay switch insert, 2-gang

**Local switching/dimming:**

- Universal dimmer insert
- Control insert 1-10 V
- DALI control insert
- Universal dimmer insert, 2-gang

**Controlling blinds/roller shutters locally:**

- Blind control insert

**Global switching, dimming, controlling blinds/roller shutters, retrieving scenes:**

- Central unit insert

**Operating elements:** 5 buttons

**Display elements:** 5 LEDs, LCD display

**Connection:** Module interface

To be completed with: Central unit insert MTN5190-0000

Electronic switch insert MTN5151-00.
Electronic switch insert, 2-gang MTN5152-00.
Relay switch insert MTN5161-00.
Relay switch insert, 2-gang MTN5162-00.
Blind control insert MTN5165-0000.
Universal dimmer insert MTN5171-00.
Universal dimmer insert, 2-gang MTN5172-00.
1-10 V insert MTN5180-00.
DALI insert MTN5185-00.
**Blind control-PlusLink**

### Blind control insert

**Version** | **Art. no.**
--- | ---
MTN5165-0000

For local control of a blind/roller shutter motor with limit switch. The insert has two relay contacts electrically locked against each other that reliably prevent simultaneous triggering of the two relay outputs.

- With screw terminals.
- With claw and screw fixing.

**Functions:**
- The module determines how the function of the insert is used.
- Slat adjustment in blinds.
- External triggering via two PlusLink inputs.

**Nominal voltage:** AC 220/230 V, 50/60 Hz  
**Outputs:** 2 make contacts (interlocked)

- **Motor load:** 1 motor, max. 1000 VA
- **Neutral conductor:** required (3 conductor system)

**Wire range:** max. 2x2.5 mm²

**To be completed with:**
- Push-button module Basic, 1-gang System Design MTN5110-60..  
- Push-button module Basic, 2-gang System Design MTN5120-60..  
- Push-button module Comfort, 1-gang System Design MTN5111-60..  
- Push-button module Comfort, 2-gang System Design MTN5121-60..  
- Wiser push-button module, 1-gang System Design MTN5113-60..  
- Wiser push-button module, 2-gang System Design MTN5123-60..  
- Display timer module System Design MTN5755-60..

**Accessories:**
- PlusLink distributor (3 cycles) MTN5130-0001  
- PlusLink Expander CCTDT5130

**Transmitter:**
- Side controller Plus, 1-gang System Design MTN5119-60..  
- Side controller Plus, 2-gang System Design MTN5129-60..

**Central unit insert** MTN5190-0000  

**Brightness sensor interface flush-mounted**

**Version** | **Art. no.**
--- | ---
MTN5195-0100

Flush-mounted interface for connecting brightness sensors and/or magnetic contact. Suitable for installation into a size 60 installation box.

- **Nominal voltage:** AC 220/230 V, 50/60 Hz
- **Output:** 1x PlusLink
- **Neutral conductor:** required
- **Inputs:** 3 sensor inputs, common earth
- **Wire range:**
  - L, N, PL: max. 2 x 2.5 mm²
  - Sensor inputs: min. 2 x 0.14 mm², max. 2 x 0.75 mm²
- **Dimensions:** 45x41x23 mm (WxHxD)
- **Accessories:** Sun/twilight sensor MTN580691

**Receiver:** Blind control insert MTN5165-0000
Blind control-PlusLink

Sun/twilight sensor

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
<tr>
<td>2 m, polar white</td>
<td>MTN580691</td>
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</table>

The light sensor is attached to the window pane with the suction cup. Can be used either as a sun sensor or as a twilight sensor.

Connecting cable: 2 m / LIYY 2x0.14 mm²

Multiple control relay for roller shutters, flush-mounted

<table>
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<tr>
<th>Version</th>
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<tbody>
<tr>
<td>MTN576398</td>
<td>MTN576397</td>
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</table>

2 A, AC 230 V
Suitable for a size 60 flush-mounted box. Flat 22 mm design. For local control using push-buttons, installation in a deep flush-mounted box.

For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced looking in both directions of movement. Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

Mains voltage: AC 230 V, 50 Hz ±10 %
Control voltage: AC 230 V ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 2 A
Temperature range: 0 - 60 °C
Terminals: max. 1.5 mm²

Dimensions: 22x49x52 mm (HxWxD)
Installation: (deep) flush-mounted box
To be completed with: Blanking cover System M MTN3915... MTN3918...
System Design MTN4075-60...
Artec/Antique MTN3919..

2 A, AC 250 V
For controlling up to 2 roller shutter motors locally, in groups or centrally. With separation of load and control circuit, as well as forced looking in both directions of movement. Motors are controlled individually using a roller shutter rocker switch and centrally using the blind time switches or blind push-buttons of the Merten blind control system.

For installation on DIN rails TH35 according to EN 60715.

Mains voltage: AC 230 V, 50 Hz ±10 %
Power consumption: 10 mA in relay operation
Switching voltage: max. AC 250 V
Switching current: max. 2 A
Temperature range: 0 - 60 °C
Terminals: max. 1.5 mm²
Device width: 2 modules = approx. 36 mm

Schneider Electric

LSB03496_Merten_System_Design_05_18_EN
KNX sensors

**KNX Push-button Pro**

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<td>MTN6180-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN6180-6052</td>
</tr>
</tbody>
</table>

For System Design.

Push-button with 1 to 4 operating buttons and status displays. In idle state, the surface of the push-button appears as a uniform plane. The inscription of the keys only becomes visible via the backlit symbols following activation. For this, you can use the enclosed prefabricated foils or the individual symbols with various motifs.

The position of the operating buttons varies depending on the selected number of operating buttons.

**ETS device functions:**
- Behaviour and brightness of the status displays
- Night mode: LEDs light up with reduced brightness
- Proximity function: The LEDs are only activated and the functions only become visible when approached.

With integrated bus coupler. The bus is connected using a bus connecting terminal.

**KNX software functions:**
- 2 programming options:
  - Express setting: Calls up a pre-set configuration
  - Advanced setting: Individual configuration
- Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges (trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation)), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

**Accessories:**
- Dismantling protection MTN6270-0000
- Foil set for KNX Push-button Pro MTN6270-0011

**Note:** Programmable with ETS4 and higher.

**Contents:**
- Device with inserted prefabricated foil.
- With bus connecting terminal and supporting plate.
- 3 prefabricated foils and 24 different individual symbols with 1 carrier foil.
For System Design.
Comfortable room controller for controlling up to 32 room functions and the room temperature. All functions are displayed on a touch screen and are called up using simple finger movements. The user chooses from 3 interface designs that can be freely assigned to the room functions. The room temperature control can be shown in 2 different designs.
With room temperature control unit, display and connection for the remote sensor. The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators.

ETS device functions:

- Switch-on behaviour of the user interface
- Proximity function: The display and the start screen only become visible when approached
- Gesture function: The device recognises a gesture (horizontal or vertical swipe movement) and triggers a function. In this way, the light can be switched on when you enter the room, for example.
- Cleaning mode: For a specific period of time, neither touches nor gestures are detected
- Adjusting the background lighting
- Setting the screen saver

With integrated bus coupler. The bus is connected using a bus connecting terminal.

KNX software functions:

- Control unit/push-button:
  - Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges
  - Trigger 1-, 2-, 4- or 8-bit telegrams, pulse edges with 2-byte telegrams, 8-bit linear regulator,
  - Scene retrieval, scene saving, signal function, fan control, operating modes, setpoint adjustment

- Functions of the room temperature control unit:
  - Controller type: 2-step controller, continuous-action PI control, switching PI control (PWM)
  - Output: continuous in the range 0 to 100% or switching ON/OFF
  - Controller mode:
    - Heating with one controller output
    - Cooling with one controller output
    - Heating and cooling with separate controller outputs
    - 2-step heating with 2 control outputs
    - 2-step cooling with 2 control outputs
    - 2-step heating and cooling with 4 control outputs

- Operating modes: Comfort, comfort extension, standby (ECO), night reduction, frost/heat protection

Move all setpoints. Save all setpoint temperatures and operating modes when reset. External temperature monitoring. Additional output of the control value as 1 byte value on the PWM. Signal function for the actual temperature, valve protection function.

Scene function.

Operation: Touch display

Accessories:
- Dismantling protection MTN6270-0000
- Remote sensor for universal room temperature control unit with touch display MTN5775-0003
- Fixing frame for 3-module box MTN6270-0015
- D-Life frame, 1-gang, for 3-module box MTN6010-65xx

Note: Programmable with ETS4 and higher.

Contents:
- With bus connecting terminal and supporting plate.

Remote sensor for universal room temperature control unit with touch display

For use with underfloor heating systems.

To be completed with:
- Universal temperature control unit insert with touch display MTN5776-0000
- Programmable universal temperature control unit insert with touch display MTN5776-0000
- KNX Multitouch Pro System M MTN6215-03...
- System Design MTN6215-59...
- System Design MTN6216-5910
**KNX ARGUS Presence 180/2.20 m flush-mounted**

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
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<td>Thermoplastic</td>
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</tr>
<tr>
<td>☑ mocca metallic</td>
<td>MTN6302-6052</td>
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</table>

For System Design.

Presence detection indoors.

If KNX ARGUS Presence detects smaller movements in the room, data telegrams are transmitted via KNX to control the lighting, blind or heating at the same time.

When the lighting is controlled by brightness-dependent movement detection, the device constantly monitors the brightness in the room. If sufficient natural light is at hand, the device switches the artificial light off even if a person is present. The overshoot time can be adjusted using the ETS.

With integrated bus coupling unit. For wall mounting in a size 60 mounting box, optimal installation at 2.2 m. With anti-crawl protection.

**KNX software functions:** Five movement/presence blocks: up to four functions can be triggered per block. Telegrams: 1 bit, 1 byte, 2 bytes.

Normal operation, master, slave, monitoring, safety pause, disable function. Two movement sensors: the sensitivity and range can be set separately for each sensor. Self-adjusting staircase timer. Actual brightness value can be detected via the internal and/or an external light sensor. Actual value correction.

**Angle of detection:** 180°

**Range:** 8 m right/left, 12 m to the front (for a mounting height of 2.20 m)

**Mounting height:** 2.2 m or 1.1 m at half the range

**Time:** adjustable in steps from 1 s to 8 min (potentiometer) or adjustable from 1 s to 255 hours (ETS)

**Number of levels:** 6

**Number of zones:** 46

**Number of movement sensors:** 2, separately adjustable

**Light sensor:** internal light sensor infinitely adjustable from approx. 10 to 2000 Lux (ETS); external light sensor via KNX

**EC Directives:** Low-voltage guideline 2006/95/EC and EMC guideline 2004/108/EC

**Contents:** With bus connecting terminal and supporting plate.

With cover segments to limit the area of detection.
### Dismantling protection

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</table>

Prevents the KNX Push-button Pro and the KNX Multi-Touch Pro from being removed easily.  
**In KNX, to be completed with:** KNX Push-button Pro System M MTN6180-04..  
- System Design MTN6180-60..  
- KNX Multitouch Pro System M MTN6215-03..  
- System Design MTN6215-59..  
**Contents:** 2 stainless steel hooks.

### Foil set for KNX Push-button Pro

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<tr>
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<td></td>
<td>MTN6270-0011</td>
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</table>

Spare part  
For System Design.  
For individual marking of the KNX Push-button Pros.  
**In KNX, to be completed with:** KNX Push-button Pro System Design MTN6180-60..  
**Contents:** 3 prefabricated foils and 24 different individual symbols with 1 carrier foil.
For the Danish market.
For System Design.
Push-button with 1 to 4 operating buttons and status displays. In idle state, the surface of the push-button appears as a uniform plane. The inscription of the keys only becomes visible via the backlit symbols following activation. For this, you can use the enclosed prefabricated foils or the individual symbols with various motifs.
The position of the operating buttons varies depending on the selected number of operating buttons.

ETS device functions:
■ Behaviour and brightness of the status displays
■ Night mode: LEDs light up with reduced brightness
■ Proximity function: The LEDs are only activated and the functions only become visible when approached.

With integrated bus coupler. The bus is connected using a bus connecting terminal.
With fixing frame for DK-Fuga wall box.

KNX software functions:
2 programming options:
■ Express setting: Calls up a pre-set configuration
■ Advanced setting: Individual configuration
Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4- or 8-bit telegrams (distinction between short and long operation), pulse edges with 2-byte telegrams (distinction between short and long operation), 8-bit linear regulator, scene retrieval, scene saving, disable functions.

Accessories:
Dismantling protection MTN6270-0000
Foil set for KNX Push-button Pro MTN6270-0011

Note: Programmable with ETS4 and higher.
Contents: With fixing frame for DK-Fuga wall box.
With bus connecting terminal.
Device with inserted prefabricated foil.
3 prefabricated foils and 24 different individual symbols with 1 carrier foil.
Comfortable room controller for controlling up to 32 room functions and the room temperature. All functions are displayed on a touch screen and are called up using simple finger movements. The user chooses from 3 interface designs that can be freely assigned to the room functions. The room temperature control can be shown in 2 different designs. With room temperature control unit, display and connection for the remote sensor. The room temperature control unit can be used for heating and cooling with infinitely adjustable KNX valve drives or to trigger switch actuators and heating actuators.

**ETS device functions:**
- Switch-on behaviour of the user interface
- Proximity function: The display and the start screen only become visible when approached
- Gesture function: The device recognises a gesture (horizontal or vertical swipe movement) and triggers a function. In this way, the light can be switched on when you enter the room, for example.
- Cleaning mode: For a specific period of time, neither touches nor gestures are detected
- Adjusting the background lighting
- Setting the screen saver
- With integrated bus coupler. The bus is connected using a bus connecting terminal.

With fixing frame for DK-Fuga wall box.

*KNX software functions:*
- Control unit/push-button:
  - Switching, toggling, dimming (single/dual-surface), blind (single/dual-surface), pulse edges trigger 1-, 2-, 4-, or 8-bit telegrams, pulse edges with 2-byte telegrams, 8-bit linear regulator, scene retrieval, scene saving, signal function, fan control, operating modes, setpoint adjustment
- Functions of the room temperature control unit:
  - Controller type: 2-step controller, continuous-action PI control, switching PI control (PWM)
  - Output: continuous in the range 0 to 100% or switching ON/OFF
- Controller mode:
  - Heating with one controller output
  - Cooling with one controller output
  - Heating and cooling with separate controller outputs
  - 2-step heating with 2 control outputs
  - 2-step cooling with 2 control outputs
  - 2-step heating and cooling with 4 control outputs
- Operating modes: Comfort, comfort extension, standby (ECO), night reduction, frost/heat protection
- Move all setpoints. Save all setpoint temperatures and operating modes when reset. External temperature monitoring. Additional output of the control value as 1 byte value on the PWM. Signal function for the actual temperature, valve protection function. Scene function.
- Operation: Touch display

*Accessories:*
- Dismantling protection MTN6270-0000
- Remote sensor for universal room temperature control unit with touch display MTN775-0003

*Note: Programmable with ETS4 and higher.*

**Contents:**
- With fixing frame for DK-Fuga wall box.
- With bus connecting terminal.
Fixing frame for 3-module box

Version | Art. no.
---|---
| MTN6270-0015

Fixing frame for 3-module installation boxes.
Plug the KNX devices together with the D-Life frame, 1-gang, for 3-module box on the fixing frame.
Suitable for installation on 3-module boxes.
To be completed with: D-Life frame, 1-gang, for 3-module box System Design MTN6010-65xx

D-Life frame, 1-gang, for 3-module box

<table>
<thead>
<tr>
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<td>lotus white</td>
<td>MTN6010-6535</td>
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</tr>
<tr>
<td>stainless steel</td>
<td>MTN6010-6536</td>
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</tbody>
</table>

Plug the KNX System Design devices together with the D-Life frame on the fixing frame for 3-module box.
For horizontal and vertical installation.
To be completed with: Fixing frame for 3-module box MTN6270-0015
Merten System Design

Hotel applications

Keycard switch

Hotel keycard holder with labelling field

<table>
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<tr>
<td>mocca metallic</td>
<td>MTN3854-6052</td>
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</table>

Illuminated.

To be completed with:
- Push-button insert make contact 1 pole for hotel keycard holder with separate signalling contact, flush-mounted MTN3754-0000
- Push-button insert make contact 1 pole for hotel keycard holder with separate signalling contact and locator light, flush-mounted MTN3760-0000
- Push-button insert make contact 1 pole with separate signalling contact, flush-mounted MTN3154-0000
- Push-button insert make contact 1 pole with locator light, flush-mounted MTN3160-0000
- Push-button insert make contact 1 pole for hotel keycard holder with separate signalling contact

Push-button insert make contact 1 pole for hotel keycard holder with separate signalling contact

Version | Art. no. |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>6 A, 250 V AC, screwless terminals</td>
<td>MTN3754-0000</td>
</tr>
</tbody>
</table>

Features:
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With claw and screw fixing.

To be completed with:
- Hotel keycard holder System M MTN3156.., MTN3154..
- Hotel keycard holder with labelling field System Design MTN3854-60..
- Hotel keycard holder Artec/Antique MTN3153..
Hotel applications

Push-button insert make contact 1 pole for hotel keycard holder with separate signalling contact and locator light

Version | Art. no.
---|---
6 A, 250 V AC, screwless terminals | MTN3760-0000

**Features:**
- Frontal retrofitting of QuickFlex lighting modules with no dismantling of switches.
- Front-attachment measurement and test contacts; accessible without dismantling switches.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With claw and screw fixing.

**To be completed with:**
- Hotel keycard holder System M MTN3156.., MTN3154..
- Hotel keycard holder with labelling field System Design MTN3854-60..
- Hotel keycard holder Artec/Antique MTN3153..

**Contents:**
- With red 230 V lighting module for switch/push-button.

---

**Shaver sockets**

Central plate for shaver socket

Version | Art. no.
---|---
 | MTN2109-3435

**Thermoplastic**

**To be completed with:**
- Shaver socket-outlet insert MTN213300
- D-Life frame, 2-gang for shaver socket outlet MTN4025-653.

Shaver socket-outlet insert

Version | Art. no.
---|---
 | MTN213300

IEC 742 / EN 60742
For international 2-pole plug systems (Euro plugs, US standard, Australia/China standard).
Secondary voltages can be tapped directly in two plug-in positions.
With screw terminals up to 2.5 mm².
No integrated fuse due to short-circuit resistance on the secondary side.
Thermal protection with automatic switching on after cool down period.
For integration in conventional flush-mounted double boxes for cavity wall/flush-mounted boxes in accordance with DIN 49073, e.g. from Kaiser, art. no. 9062-77 (cavity wall) or art. no. 1656-02 (flush-mounted).

**Primary:**
- AC 230 V - 240 V, 50/60 Hz

**Secondary:**
- 20 VA, AC 115 V / 230 V - 240 V, 50/80 Hz

**To be completed with:**
- Central plate for shaver socket System M MTN2135.., MTN2136..
- Artec/Antique MTN2134..

D-Life frame, 2-gang for shaver socket outlet

Version | Art. no.
---|---
 | MTN4025-6535

For vertical and horizontal installation.
QuickFlex SCHUKO socket-outlets with screwless terminals

- Socket-outlets with connecting terminals.

**Explanation of symbols:**

- Integrated shutter against accidental contact (child protection).

<table>
<thead>
<tr>
<th>SCHUKO socket-outlet, screwless terminals</th>
<th>SCHUKO socket-outlet, shutter, screwless terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>Art. no.</td>
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<tr>
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<tr>
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<tr>
<td>16 A, AC 250 V, DIN 49440</td>
<td></td>
</tr>
</tbody>
</table>

**Features:**

- Frontal retrofitting of QuickFlex additional modules with no disassembling of the socket-outlet.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With screwless terminals.
- With claw and screw fixing.

With shutter.

**Features:**

- Frontal retrofitting of QuickFlex additional modules with no disassembling of the socket-outlet.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With screwless terminals.
- With claw and screw fixing.
SCHUKO socket-outlet with light outlet and LED lighting module, shutter, screwless terminals

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
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<tr>
<td>mocca metallic</td>
<td>MTN2304-6052</td>
</tr>
</tbody>
</table>

16 A, AC 250 V, DIN 49444 With shutter.

Warm white LEDs illuminate an area under the socket-outlet. The illuminated area can be optimally adjusted by altering the light emission. When it is dark, the LED lights are switched on automatically and are switched off again when there is sufficient ambient light. The brightness limit can be conveniently set from the front without any dismantling work on the central plate. Automatic mode can also be switched off on the central plate so that the lights remain switched off e.g. when going on holiday.

**Features:**
- With integrated QuickFlex module.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
- With screwless terminals.
- With claw and screw fixing.

**LED power consumption:** 1,7VA (0,35W effective)

**LED life expectancy:** > 50000 h
Socket-outlets

SCHUKO socket-outlet insert with USB charger 2.4 A

<table>
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<td>mocca metallic</td>
<td>MTN2366-6052</td>
</tr>
</tbody>
</table>

16 A, AC 250 V, DIN 49440
With shutter.
USB 2.0 power supply with two outputs.
With screwless terminals.
With claw and screw fixing.
Nominal voltage: AC 220-240 V
Wire dimension: 1.5 - 2.5 mm²
USB Charger: 2 outputs type A
USB output voltage: DC 5 V ± 5 %
USB output current: 0.01-2.4 A
USB output power: max 12 W
Socke-outlets

**SCHUKO socket-outlet with labelling field, shutter, screwless terminals**

<table>
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</table>

16 A, AC 250 V, DIN 49440
With shutter.

**Features:**
- Frontal retrofitting of QuickFlex additional modules with no disassembling of the socket-outlet.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
With screwless terminals.
With claw and screw fixing.
Socket-outlets

**SCHUKO socket-outlet with hinged lid, shutter, screwless terminals**

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</table>

16 A, AC 250 V, DIN 49440
With shutter.

**Features:**
- Frontal retrofitting of QuickFlex additional modules with no disassembling of the socket-outlet.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
With screwless terminals.
With claw and screw fixing.

**Symbol set for socket-outlet**

<table>
<thead>
<tr>
<th>Version</th>
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<tbody>
<tr>
<td>MTN3927-6000</td>
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</table>

For individual marking of sockets.
The symbols for computer, dryer, washing machine, dishwasher, freezer, refrigerator and microwave are stuck on the socket covers.

**Contents:** Symbol set with 2 computers, 1 dryer, 1 washing machine, 1 dishwasher, 1 freezer, 1 refrigerator and 1 microwave.
**Socket-outlets**

**Surge protection module**

- **Version** Art. no.
  - MTN2005-0004

Extension/spare part module for QuickFlex socket-outlets. The integrated surge protection module protects devices connected at the socket-outlet from voltage peaks in the network. The module also protects socket-outlets located within a radius of five metres on the same electrical circuit.

With visual and audible fault display: Following a current surge, the green control LED will go out and, if a plug is inserted, a signal tone will sound.

A central plate with a lens is required for the visual display.

**Surge protection device (SPD) in accordance with EN61643-11 Type 3**

- **Nominal voltage (Un):** AC 230 V
- **Maximum continuous operating voltage (Uc):** AC 255 V
- **Combined surge (Uoc):** 6 kV
- **Protection level (UP):** (L/N) < 1.5 kV
- **Nominal discharge current (ln(8/20)):** 3 kA
- **Max. discharge current (Imax(8/20)):** 6 kA
- **Response time (L-N):** < 25 ns
- **Response time (L/N-PE):** < 100 ns
- **Supply side overcurrent protection:** 16 A
- **Permissible temperature range:** -5 °C to +40 °C
- **Spare part of:** SCHUKO socket-outlet with surge protection and labelling field, shutter, screw terminals System M MTN2405-03../-04..
  - Artec/Antique MTN2405-40../-41..
  - Central plate with labelling field and surge protection module for SCHUKO socket-outlet, shutter System M MTN2335-03../-04..

**Sealing ring for augmenting the level of protection to IP 44**

- **Version** Art. no.
  - MTN515990

The sealing ring allows System M, Artec, Antique, Trancent socket-outlets with hinged lids to satisfy IP 44 level of protection.
QuickFlex SCHUKO socket-outlets with screw terminals

- Socket-outlets with connecting terminals.

**Explanation of symbols:**
- Integrated shutter against accidental contact (child protection).

**SCHUKO socket-outlet, shutter, screw terminals**

<table>
<thead>
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<tbody>
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</tbody>
</table>

16 A, AC 250 V, DIN 49440
With shutter.

**Features:**
- Frontal retrofitting of QuickFlex additional modules with no disassembling of the socket-outlet.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.
With screw/lift terminals for fixed and flexible conductors up to 4 mm². With claw and screw fixing.
**QuickFlex SCHUKO socket-outlets modular**

- Socket-outlets with connecting terminals.

**Explanation of symbols:**
- Integrated shutter against accidental contact (child protection).

**Central plate for SCHUKO socket-outlet insert, shutter**

<table>
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<tr>
<th>Version</th>
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<tbody>
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</table>

With shutter.

**SCHUKO socket-outlet insert, screwless terminals**

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
<td>16 A, AC 250 V, DIN 49440</td>
<td>MTN2300-0000</td>
</tr>
</tbody>
</table>

**Features:**
- Frontal retrofitting of QuickFlex additional modules with no disassembling of the socket-outlet.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With screwless terminals.

**SCHUKO socket-outlet insert, screw terminals**

<table>
<thead>
<tr>
<th>Version</th>
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</tr>
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<tbody>
<tr>
<td>16 A, AC 250 V, DIN 49440</td>
<td>MTN2400-0000</td>
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</table>

**Features:**
- Frontal retrofitting of QuickFlex additional modules with no disassembling of the socket-outlet.
- Quick-fastening screws for securing of claws.
- Flush-mounted claws with return springs.
- High-gloss galvanised fixing frame insulated to the claw.

With screw/lift terminals for fixed and flexible conductors up to 4 mm².

With claw and screw fixing.
Other socket-outlets

Central plate for USB charger insert

<table>
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<tr>
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</table>

For System Design.
For the USB charger insert.
To be completed with: USB charger insert MTN4366-0100
USB charger insert 2.4A Type A+C MTN4366-0110

USB charger insert

<table>
<thead>
<tr>
<th>Version</th>
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<tr>
<td></td>
<td>MTN4366-0100</td>
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</tbody>
</table>

USB 2.0 charger with two outputs.
Nominal voltage: AC 100-240 V ± 10 %, 50-60 Hz
Stand by power consumption: < 0.1 W
USB outputs:
USB output voltage: DC 5 V ± 5 %
Nominal output current: 1x2100 mA
2x1050 mA
USB standard: 2.0
To be completed with: Central plate for USB charger insert System M MTN4367-03.. /04..
System Design MTN4367-60..

USB charger insert 2.4A Type A+C

<table>
<thead>
<tr>
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<tbody>
<tr>
<td></td>
<td>MTN4366-0110</td>
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</tbody>
</table>

USB charger with 1x USB type A output and 1x USB type C output.
For simultaneous operation/ charging of two USB devices with integrated rechargeable bat-
tery.
Mains voltage
Nominal voltage: AC 100-240 V ± 10 %, 50-60 Hz
Stand by power consumption: < 0.1 W
USB output
Nominal output voltage: DC 5 V ± 5 %
Nominal output current: 1x2400 mA
2x1200 mA
USB Standard: 2.0
To be completed with: Central plate for USB charger insert System M MTN4367-03.. /04..
System Design MTN4367-60..
Telephone

Telephone socket-outlet

Central plate for telephone socket-outlet insert RJ11/RJ12

<table>
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</table>

For RJ12 telephone socket-outlet inserts.
To be completed with: RJ12 telephone socket insert, 4 contacts MTN463501
RJ12 telephone socket insert, 6 contacts MTN463500

RJ12 telephone socket insert, 4 contacts

<table>
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</table>

For connecting analogue or digital terminals using a 4-pole RJ12 socket.
To be completed with: Central plate for telephone socket-outlet insert RJ11/RJ12 System M MTN4696.., MTN4635.., Artec/Antique MTN4626..

RJ12 telephone socket insert, 6 contacts

<table>
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</table>

For connecting analogue or digital terminals using a 6-pole RJ12 socket.
To be completed with: Central plate for telephone socket-outlet insert RJ11/RJ12 System M MTN4696.., MTN4635.., Artec/Antique MTN4626..
Central plate with square opening and label field

<table>
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For System Design.

To be completed with:
- Telephone socket-outlet TAE, 1-gang MTN465206
- Telephone socket-outlet TAE, 3-gang MTN465226/36
- Combination socket-outlet RJ45/TAE (Cat 3) MTN465707
- Loudspeaker connection insert, 1-gang MTN466919/14
- Loudspeaker connection insert, 2-gang MTN467019/14
- USB power supply MTN4366-0000
- USB interface, flush-mounted MTN681799
- USB 2.0 insert 1 gang MTN4581-0000
- USB 2.0 insert 1 gang MTN4583-0000
- VGA insert 1 gang MTN4585-0000

Adapter plate for multimedia keystone 2 gang MTN4580-0001

For the German market.

For connecting an analogue telephone.

With screw terminals.

1×6 F: 1 telephone
To be completed with:
- Central plate with square opening System M MTN2960...
- MTN2979...
- Central plate with square opening and label field System Design MTN4250-60...
- Central plate with square opening Artec/Antique MTN2978...

2×6/6 NF/F: 2 telephones, 1 ancillary unit
3×6 NFN: 1 telephone, 2 ancillary unit
To be completed with:
- Central plate with square opening System M MTN2960...
- MTN2979...
- Central plate with square opening and label field System Design MTN4250-60...
- Central plate with square opening Artec/Antique MTN2978...
### Combination socket-outlet RJ45/TAE (Cat 3)

<table>
<thead>
<tr>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td>white</td>
<td>MTN465707</td>
</tr>
</tbody>
</table>

For connecting a telephone and an analogue or digital terminal unit via the 8-pole RJ45 connector.

With screw terminals.

**To be completed with:**
- Central plate with square opening System M MTN2960.., MTN2979..
- Central plate with square opening and label field System Design MTN4250-60..
- Central plate with square opening Artec/Antique MTN2978..
**Merten System Design**

**TV/audio**

### TV/Radio/SAT

**Central plate for antenna socket-outlets 2/3 holes**

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<tr>
<td>☑ champagne metallic</td>
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</tr>
<tr>
<td>☑ mocca metallic</td>
<td>MTN4123-6052</td>
</tr>
</tbody>
</table>

For AEG, Astro, Bosch, Fuba, Hirschmann, Kathrein, Philips, Polytron, Siemens, Wisi, Zehnder etc.

Third opening can be broken open for satellite socket.

**To be completed with**: Antenna intermediate socket-outlet insert, 2 outputs R/TV+SAT MTN466098

Antenna end of line socket-outlet insert, 2 outputs R/TV+SAT MTN466099

Antenna single socket-outlet insert, 3 outputs TV+FM+SAT MTN466097

**Antenna intermediate socket-outlet insert, 2 outputs R/TV+SAT**

**Antenna end of line socket-outlet insert, 2 outputs R/TV+SAT**

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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</thead>
</table>

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for loop-through systems in broadband cable, communal aerial and satellite distribution systems. Suitable for flush-mounted boxes of Ø 55-65 mm.

With claw and screw fixing.

**To be completed with**: Central plate for antenna socket-outlets 2/3 holes System M MTN2967.., MTN2975..

Central plate for antenna socket-outlets 2 holes System M MTN4122-03..,-04..

Central plate for antenna socket-outlets 2/3 holes System Design MTN4123-60..

Artec/Antique MTN2941..

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Broadband directional coupler box for branch-circuit and star-type distribution systems in broadband cable, communal aerial and satellite distribution systems. With DC transmission via the TV connection. Suitable for flush-mounted boxes of Ø 55-65 mm.

With claw and screw fixing.

**DC transmission**: max. 24 V/400 mA

**Signal**: 22 kHz and DiSEqC

**To be completed with**: Central plate for antenna socket-outlets 2/3 holes System M MTN2967.., MTN2975..

Central plate for antenna socket-outlets 2 holes System M MTN4122-03..,-04..

Central plate for antenna socket-outlets 2/3 holes System Design MTN4123-60..

Artec/Antique MTN2941..
<table>
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</thead>
<tbody>
<tr>
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<td>MTN466097</td>
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</tbody>
</table>

DIN EN 50083-1/A1, DIN EN 80083-2/A1

Single satellite socket-outlet, 3-gang. For individual branch-circuit and star-type distribution systems in communal aerial and satellite distribution systems. With DC transmission via the satellite connection. Suitable for flush-mounted boxes of Ø 55-65 mm.

With claw and screw fixing.

**DC transmission:** max. 24 V/320 mA

**Signal:** 22 kHz and DiSEqC

**To be completed with:** Central plate for antenna socket-outlets 2/3 holes System M MTN2967.., MTN2975..

System Design MTN4123-60..

Artec/Antique MTN2941..
Merten System Design

TV/audio

Audio

Central plate with square opening and label field

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<td>mocca metallic</td>
<td>MTN4250-6052</td>
</tr>
</tbody>
</table>

For System Design.

For loudspeaker connection inserts or flush-mounted USB interface.

To be completed with:
- Telephone socket-outlet TAE, 1-gang MTN465206
- Telephone socket-outlet TAE, 3-gang MTN465228/36
- Combination socket-outlet RJ45/TAE (Cat 3) MTN465707
- Loudspeaker connection insert, 1-gang MTN466919/14
- Loudspeaker connection insert, 2-gang MTN467019/14
- USB power supply MTN4366-0000
- USB interface, flush-mounted MTN681799
- USB 2.0 insert 1 gang MTN4581-0000
- HDMI insert 1 gang MTN4583-0000
- VGA insert 1 gang MTN4585-0000

Adapter plate for multimedia keystone 2 gang MTN4580-0001

Loudspeaker connection insert, 1-gang

<table>
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</table>

The poles are labelled in different colours. Conductor cross-section up to max. 10 mm². With quick plug-in terminals. With screw terminals on the back.

To be completed with:
- Central plate with square opening System M MTN2960...
- MTN2979...
- Central plate with square opening and label field System Design MTN4250-60...
- Central plate with square opening Artec/Antique MTN2978..

Loudspeaker connection insert, 2-gang

<table>
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<tr>
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</table>

The poles are labelled in different colours. Conductor cross-section up to max. 10 mm². With quick plug-in terminals. With screw terminals on the back.

To be completed with:
- Central plate with square opening System M MTN2960...
- MTN2979...
- Central plate with square opening and label field System Design MTN4250-60...
- Central plate with square opening Artec/Antique MTN2978..
### TV/audio

#### Socket-outlet for audio connection

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<tr>
<td>mocca metallic</td>
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</tbody>
</table>

With two cinch sockets.  
Colours: Red and white.  
Gold-plated contacts.  
Contacts with solder connections.
Central plates for communications technology

Central plate for RJ45 insert, 1-gang

<table>
<thead>
<tr>
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<tr>
<td>- mocca metallic</td>
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</tbody>
</table>

For RJ45 inserts 8 (Cat 6a, iso).
Fitting to RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

To be completed with: RJ45 insert 8 Cat 6a, ISO MTN4530-0000
RJ45 insert 8 Cat 5e MTN4565721

RJ45 insert 8 Cat 6a, ISO

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>MTN4530-0000</td>
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</tbody>
</table>

For connecting analogue or digital terminals using an 8-pole RJ45 socket.
Connection via LSA terminals.
With screw fixing.
RJ45-universal-socket-outlet for Cat.6a, Class E2 networks (10 Gbit/s / 500 MHz).
GHMT certified.
Suitable for PoE+ (power over ethernet) according to IEEE 802.3at.
Plugging cycles ≥ 1000.
Universal, flexible cable entry.
RJ 11/12 protected against mismating.

To be completed with: Central plate for RJ45 insert, 1-gang System M MTN2962, MTN2983, System Design MTN4521-60, Artec/Antique MTN2918.
### Central plate 2-gang with labeling field for Schneider Electric RJ45-Connector

<table>
<thead>
<tr>
<th>Version</th>
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<tr>
<td>mocca metallic</td>
<td>MTN4574-6052</td>
</tr>
</tbody>
</table>

With labeling field. With integrated shut-off slides.
To be completed with: RJ45 data socket Schneider Electric 2gang, Cat5e FTP MTN4575-0012
RJ45 data socket Schneider Electric 2gang, Cat6 STP MTN4576-0022
RJ45 data socket Schneider Electric 2gang, Cat6 UTP MTN4576-0002
RJ45 data socket Schneider Electric 2gang, 1-gang/2-gang MTN4575-0000

### Central plate 2-gang for Schneider Electric RJ45-Connector

<table>
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<th>Version</th>
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</table>

With integrated shut-off slides.
To be completed with: RJ45 data socket Schneider Electric 2gang, Cat5e FTP MTN4575-0012
RJ45 data socket Schneider Electric 2gang, Cat6 STP MTN4576-0022
RJ45 data socket Schneider Electric 2gang, Cat6 UTP MTN4576-0002
RJ45 data socket Schneider Electric 2gang, 1-gang/2-gang MTN4575-0000
### Central plate for RJ45 insert, 2-gang

<table>
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<tbody>
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<td>mocca metallic</td>
<td>MTN4522-6052</td>
</tr>
</tbody>
</table>

For RJ45 inserts 8/8, 2x8, 2x8 Cat5e, 2x8 Cat6.
Fitting to RJ45 inserts by Rutenbeck or E-DAT designs by BTR.

**To be completed with:** RJ45 insert 8/8 Cat 6 MTN465706

### RJ45 insert 8/8 Cat 6

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
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<tbody>
<tr>
<td>Cat. 6 / Cat. 6, ISO</td>
<td>MTN465706</td>
</tr>
</tbody>
</table>

For connecting analogue or digital terminal units via two 8-pole RJ45 connectors. Connection via LSA terminals. With screw fixing.
RJ45-universal-socket-outlet for Cat.6, Class E, networks (10 Gbit/s / 500 MHz).
Cat. 6, according to ISO/IEC 11801:2011-06 and DIN EN 50173-1:2011-09.
GHMT certified.
Suitable for PoE+ (power over ethernet) according to IEEE 802.3at.
Plugging cycles ≥ 1000.
Universal, flexible cable entry.
RJ 11/12 protected against mismating.

**To be completed with:** Central plate for RJ45 insert, 2-gang System M MTN2961.., MTN2980.., System Design MTN4522-60.., Artec/Antique MTN2926..
Central plate for 2-gang modular jack with labelling field and protective dust slide

<table>
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</tbody>
</table>

Suitable for the supporting plates for modular jack connectors. With two openings and shut-off slide.

To be completed with: Supporting plates for modular jack connector MTN4566-00..

Supporting plates for modular jack connector

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<tr>
<td>green</td>
<td>MTN4566-0004</td>
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</table>

Suitable for communication connectors.

To be completed with: Central plate for 2-gang modular jack with protective dust slide System M MTN4562-03. /-04..
Central plate for 2-gang modular jack with labelling field and protective dust slide System M MTN4564-03. /-04..
System Design MTN4564-60..
Communications inserts and accessories

Central plate with square opening and label field

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</table>

For System Design, for loudspeaker connection inserts or flush-mounted USB interface.  
To be completed with:  
- Telephone socket-outlet TAE, 1-gang: MTN465206  
- Telephone socket-outlet TAE, 3-gang: MTN465228/36  
- Combination socket-outlet RJ45/TAE (Cat 3): MTN465707  
- Loudspeaker connection insert, 1-gang: MTN465719/14  
- Loudspeaker connection insert, 2-gang: MTN467019/14  
- USB power supply: MTN4366-0000  
- USB interface, flush-mounted: MTN681799  
- USB 2.0 insert 1 gang: MTN4581-0000  
- USB 2.0 insert 2 gang: MTN4582-0000  
- USB interface, flush-mounted: MTN681799  
- USB 2.0 insert 1 gang: MTN4581-0000  
- USB 2.0 insert 2 gang: MTN4582-0000  
- VGA insert 1 gang: MTN4585-0000  
- VGA insert 1 gang: MTN4585-0000  
- HDMI insert 1 gang: MTN4583-0000  
- HDMI insert 1 gang: MTN4583-0000  
- Adapter plate for multimedia keystone: MTN4580-0001  
- Adapter plate for multimedia keystone: MTN4580-0001  
- Adapter plate for multimedia keystone 2 gang: MTN4580-0001  
- Adapter plate for multimedia keystone 2 gang: MTN4580-0001  

USR 2.0 insert 1 gang  

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</tbody>
</table>

We recommend to use 60mm deep boxes.  
Break off mounting ring can be converted into mounting bracket.  
With 5 screw terminals.  
Without claws, for screw fixing.  
To be completed with:  
- Central plate with square opening System M: MTN2960.., MTN2979..  
- Central plate with square opening System Design: MTN4250-60.., MTN2978..  
- Central plate with square opening Artec/Antique: MTN2978..  

VGA insert 1 gang  

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We recommend to use 60mm deep boxes.  
Break off mounting ring can be converted into mounting bracket.  
With 14 screw terminals.  
Without claws, for screw fixing.  
To be completed with:  
- Central plate with square opening System M: MTN2960.., MTN2979..  
- Central plate with square opening System Design: MTN4250-60.., MTN2978..  
- Central plate with square opening Artec/Antique: MTN2978..
HDMI insert 1 gang

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<tr>
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</table>

We recommend to use 60mm deep boxes.

Break off mounting ring can be converted into mounting bracket.
With 20 screw terminals.
Without claws, for screw fixing.
To be completed with: Central plate with square opening System M MTN2960.., MTN2979..
Central plate with square opening and label field System Design MTN4250-60..
Central plate with square opening Artec/Antique MTN2978..

Adapter plate for multimedia keystone 2 gang

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We recommend to use 60mm deep boxes.

Break off mounting ring can be converted into mounting bracket.
Without claws, for screw fixing.
To be completed with: Keystone HDMI  MTN4583-0001
Keystone USB 2.0  MTN4581-0001
Keystone USB 3.0  MTN4582-0001
Keystone BNC-F connector  MTN4586-0001
To be completed with: Central plate with square opening System M MTN2960.., MTN2979..
Central plate with square opening and label field System Design MTN4250-60..
Central plate with square opening Artec/Antique MTN2978..

Keystone HDMI

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For locking into the adapter plate.
Female/Female.
To be completed with: Adapter plate for multimedia keystone 2 gang MTN4580-0001

Keystone USB 2.0

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<tr>
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For locking into the adapter plate.
Female/Female.
To be completed with: Adapter plate for multimedia keystone 2 gang MTN4580-0001

Keystone USB 3.0

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<td>MTN4582-0001</td>
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</tbody>
</table>

For locking into the adapter plate.
Female/Female.
To be completed with: Adapter plate for multimedia keystone 2 gang MTN4580-0001

Keystone BNC-F connector

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN4586-0001</td>
</tr>
</tbody>
</table>

For locking into the adapter plate.
Screw connector (Female/Female).
To be completed with: Adapter plate for multimedia keystone 2 gang MTN4580-0001
## Communications inserts

### Inclined outlet with labeling field

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN4540-6035</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN4540-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN4540-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN4540-6036</td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN4540-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN4540-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN4540-6052</td>
</tr>
</tbody>
</table>

For data connection and communications technology.

Order the associated inserts separately.

**To be completed with:** Blanking insert System M, System Design, Artec/Antique MTN464380

Insert for D-type plug connectors, 9-pole System M, System Design, Artec/Antique MTN464391

Insert for D-type plug connectors, 15-pole System M, System Design, Artec/Antique MTN464392

Insert for D-type plug connectors, 25-pole System M, System Design, Artec/Antique MTN464393

Insert for BNC/TNC sockets System M, System Design, Artec/Antique MTN464395

Insert for modular jack connector System M, System Design, Artec/Antique MTN464398

Insert for XLR audio plug-in socket System M, System Design, Artec/Antique MTN464390

Insert with high-end loudspeaker connector System M, System Design, Artec/Antique MTN464387

Insert for optical fibre ST connectors System M, System Design, Artec/Antique MTN464386

Insert for IBM system ACS type Mini C System M, System Design, Artec/Antique MTN464383

Insert for Duplex SC System M, System Design, Artec/Antique MTN464381

Insert for Reiche & De-Massari System M, System Design, Artec/Antique MTN464384

Insert for connectors, universal System M, System Design, Artec/Antique MTN464377

**Contents:** Without inserts.

### Blanking insert

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464380</td>
</tr>
</tbody>
</table>

Can be used universally with mechanical machining (drilling, milling etc.)

**To be completed with:** Inclined outlet System M MTN4540-60.., MTN4649..

Inclined outlet with labeling field System Design MTN4540-60.., MTN4649..

Inclined outlet Artec/Antique, Aquadesign MTN4643..

### Insert for D-type plug connectors, 9-pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464391</td>
</tr>
</tbody>
</table>

For two D-type plugs, 9-pole.

Second opening can be broken out.

**To be completed with:** Inclined outlet System M MTN4540-60.., MTN4649..

Inclined outlet with labeling field System Design MTN4540-60..

Inclined outlet Artec/Antique, Aquadesign MTN4643..
### Insert for D-type plug connectors, 15-pole

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464392</td>
<td>black</td>
<td>MTN464393</td>
</tr>
</tbody>
</table>

For two D-type plugs, 15-pole. Second opening can be broken out. To be completed with: Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60, Inclined outlet Artec/Antique, Aquadesign MTN4643..

### Insert for D-type plug connectors, 25-pole

For two D-type plugs, 25-pole. Second opening can be broken out. To be completed with: Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60, Inclined outlet Artec/Antique, Aquadesign MTN4643..

### Insert for IBM system ACS type Mini C

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464383</td>
</tr>
</tbody>
</table>

For two IBM Advanced Connectivity System (ACS) type Mini C modules. To be completed with: Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..

### Insert for BNC/TNC sockets

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464395</td>
</tr>
</tbody>
</table>

For two BNC/TNC connectors Ø 12.5 mm or for BNC/TNC connectors Ø 9.5 mm. Second opening can be broken out. To be completed with: Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643.. Contents: With adjustment rings.

### Insert for connectors, universal

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464377</td>
</tr>
</tbody>
</table>

To be completed with: Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..

### Insert for modular jack connector

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464398</td>
</tr>
</tbody>
</table>

For two modular jack connectors Cat 3 For AMP or Thomas & Betts connectors. Second opening can be broken out. To be completed with: Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..

### Insert for XLR audio plug-in socket

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464390</td>
</tr>
</tbody>
</table>

For XLR circular connector audio connectors from Binder, Cannon, Neutrik P flange sockets or similar. To be completed with: Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..
## Insert with high-end loudspeaker connector

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464387</td>
</tr>
</tbody>
</table>

For loudspeaker connections up to max. 10 mm².  
**To be completed with:** Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..  
**Contents:** With two loudspeaker connectors, gold-plated contacts.

## Insert for optical fibre ST connectors

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464386</td>
</tr>
</tbody>
</table>

For two optical fibre ST connectors.  
**To be completed with:** Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..

## Insert for Duplex SC

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464381</td>
</tr>
</tbody>
</table>

For two Duplex SC connectors.  
**To be completed with:** Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..

## Insert for Reichle & De-Massari

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>MTN464384</td>
</tr>
</tbody>
</table>

For two Reichle & De Massari connection modules or additional R&M modules.  
**Information:** http://www.rdm.com  
**To be completed with:** Inclined outlet System M MTN4646.., MTN4649.., Inclined outlet with labeling field System Design MTN4540-60.., Inclined outlet Artec/Antique, Aquadesign MTN4643..  
**Accessories:** Reichle & De-Massari connection module, unshielded MTN465580/82, Reichle & De-Massari connection module, shielded MTN465581/83, Reichle & De-Massari splash flange MTN465591, Reichle & De-Massari splash sleeve MTN465590

## Reichle & De-Massari connection module, unshielded

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat 5e, 1xRJ45/u</td>
<td>MTN465580</td>
</tr>
<tr>
<td>Cat 6, 1xRJ45/u</td>
<td>MTN465582</td>
</tr>
</tbody>
</table>

Connection with ICD clamping method (no equipment necessary).  
**To be completed with:** Insert for Reichle & De-Massari System M, System Design, Artec/Antique MTN464384  
**Accessories:** Reichle & De-Massari splash flange MTN465591, Reichle & De-Massari splash sleeve MTN465590

## Reichle & De-Massari connection module, shielded

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat 5e, 1xRJ45/s</td>
<td>MTN465581</td>
</tr>
<tr>
<td>Cat 6, 1xRJ45/s</td>
<td>MTN465583</td>
</tr>
</tbody>
</table>

Connection with ICD clamping method (no equipment necessary).  
**To be completed with:** Insert for Reichle & De-Massari System M, System Design, Artec/Antique MTN464384  
**Accessories:** Reichle & De-Massari splash flange MTN465591, Reichle & De-Massari splash sleeve MTN465590
In the AQUADESIGN switch range, protection type IP 44 is achieved for all Reichle & De Massari modules with the splash flange. To be completed with: Reichle & De-Massari connection module, unshielded MTN465580/82
Reichle & De-Massari connection module, shielded MTN465581/83

Contents: 1 PU = 10 pieces.

The splash sleeve is pulled over the connecting cable. In conjunction with the splash flange, protection type IP 44 is also achieved with plug-in connecting cable. To be completed with: Reichle & De-Massari connection module, unshielded MTN465580/82
Reichle & De-Massari connection module, shielded MTN465581/83

Note: Splash installation tool (three-prong pliers) can be ordered directly from Reichle & De-Massari.
## Special central plates

### Blanking cover

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN4075-6035</td>
</tr>
<tr>
<td>anthracite</td>
<td>MTN4075-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN4075-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN4075-6036</td>
</tr>
<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN4075-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN4075-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN4075-6052</td>
</tr>
</tbody>
</table>

Cover for relay, roller shutter multi-gang relay, buzzer, power booster, KNX flush-mounted devices etc.
Can be used universally with mechanical machining (drilling, milling etc.)
Without claws, for screw fixing.

### Adapter to integrate articles from System M to System Design

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>lotus white</td>
<td>MTN4080-6035</td>
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<tr>
<td>anthracite</td>
<td>MTN4080-6034</td>
</tr>
<tr>
<td>sahara</td>
<td>MTN4080-6033</td>
</tr>
<tr>
<td>stainless steel</td>
<td>MTN4080-6036</td>
</tr>
<tr>
<td>nickel metallic</td>
<td>MTN4080-6050</td>
</tr>
<tr>
<td>champagne metallic</td>
<td>MTN4080-6051</td>
</tr>
<tr>
<td>mocca metallic</td>
<td>MTN4080-6052</td>
</tr>
</tbody>
</table>

Inserts for System M can be integrated into System Design with the adapter.
Special central plates

Adapter with hinged lid for articles System M to System Design

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>☐ lotus white                     MTN4081-6035</td>
<td></td>
</tr>
<tr>
<td>☐ anthracite                      MTN4081-6034</td>
<td></td>
</tr>
<tr>
<td>☐ sahara                          MTN4081-6033</td>
<td></td>
</tr>
<tr>
<td>☐ stainless steel                  MTN4081-6036</td>
<td></td>
</tr>
<tr>
<td>Metal</td>
<td></td>
</tr>
<tr>
<td>☐ nickel metallic                  MTN4081-6050</td>
<td></td>
</tr>
<tr>
<td>☐ champagne metallic                MTN4081-6051</td>
<td></td>
</tr>
<tr>
<td>☐ mocca metallic                   MTN4081-6052</td>
<td></td>
</tr>
</tbody>
</table>

Using the intermediate ring, System M inserts can be integrated into System Design with the normal construction height (e.g. TAE, UAE, socket-outlets etc.)

Adapter to integrate articles from Unica to System Design

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermoplastic</td>
<td></td>
</tr>
<tr>
<td>☐ lotus white                     MTN4089-6035</td>
<td></td>
</tr>
<tr>
<td>☐ anthracite                      MTN4089-6034</td>
<td></td>
</tr>
<tr>
<td>☐ sahara                          MTN4089-6033</td>
<td></td>
</tr>
<tr>
<td>☐ stainless steel                  MTN4089-6036</td>
<td></td>
</tr>
</tbody>
</table>

Inserts with dimensions 45 x 45 mm (Unica) can be integrated into System Design with the adapter.

To be completed with: Fixing frame to integrate articles from Unica to Merten ranges MTN359999

Fixing frame to integrate articles from Unica to Merten ranges

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MTN359999</td>
</tr>
</tbody>
</table>

Inserts of Unica can be installed with the fixing frame.

To be completed with: Adapter to integrate articles from Unica to System Design MTN4089-60xx
## Lighting accessories

<table>
<thead>
<tr>
<th>LED lighting module for switches/push-buttons</th>
<th>LED lighting module for switches/push-buttons</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Version</strong></td>
<td><strong>Art. no.</strong></td>
</tr>
<tr>
<td>100-230 V, red</td>
<td>MTN3901-0006</td>
</tr>
<tr>
<td>8-32 V, multicolour</td>
<td>MTN3921-0000</td>
</tr>
</tbody>
</table>

- **Power consumption**: 0.65 mA
- **For all 1 and 2-pole switch inserts from QuickFlex.**
- **Red LED.**
- **For use as control light or orientation light.**
- **The module can be replaced from the front without any dismantling of switches.**
- **To be completed with**: Single switches/push-buttons
- **Contents**: With LED.

<table>
<thead>
<tr>
<th>LED lighting module for double switches/push-buttons as locator light</th>
<th>LED lighting module for double switch/push-button as indicator light</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Version</strong></td>
<td><strong>Art. no.</strong></td>
</tr>
<tr>
<td>100-230 V, multi-colour</td>
<td>MTN3942-0000</td>
</tr>
<tr>
<td>8-32 V, multicolour</td>
<td>MTN3922-0000</td>
</tr>
</tbody>
</table>

- **Power consumption**: 2x0.65 mA
- **For all two-circuit switch/push-button inserts or double switch/push-button inserts from QuickFlex.**
- **The colours red, blue and green can each be set on the RGB LEDs via three switches. Combinations of colours are also possible.**
- **For use as orientation light. The module can be replaced from the front without any dismantling of switches.**
- **To be completed with**: Double switches/push-buttons
- **Contents**: With two RGB LEDs.

**Note:** For two-circuit switch with N terminal.
**Contents**: With two RGB LEDs.
## Accessories

### LED lamp

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 230 V, red</td>
<td>MTN395120</td>
</tr>
<tr>
<td>AC 230 V, yellow</td>
<td>MTN395121</td>
</tr>
<tr>
<td>AC 230 V, green</td>
<td>MTN395122</td>
</tr>
<tr>
<td>AC 230 V, blue</td>
<td>MTN395123</td>
</tr>
<tr>
<td>AC 230 V, white</td>
<td>MTN395124</td>
</tr>
<tr>
<td>AC 24 V, red</td>
<td>MTN395131</td>
</tr>
<tr>
<td>AC 24 V, yellow</td>
<td>MTN395132</td>
</tr>
<tr>
<td>AC 24 V, green</td>
<td>MTN395133</td>
</tr>
<tr>
<td>AC 24 V, blue</td>
<td>MTN395134</td>
</tr>
<tr>
<td>AC 24 V, white</td>
<td>MTN395135</td>
</tr>
</tbody>
</table>

### Neon lamp E 10

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 230 V, 0.65 mA</td>
<td>MTN395100</td>
</tr>
<tr>
<td>AC 230 V, white</td>
<td>MTN395124</td>
</tr>
</tbody>
</table>

**Note:** Current consumption approx. 20 mA

Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.

**To be completed with:** Plug-in light attachment E 10 MTN396576
Light signal E 10 insert MTN319017/18

### Symbols, rectangular

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>neutral, white</td>
<td>MTN395500</td>
</tr>
<tr>
<td>light, white</td>
<td>MTN395600</td>
</tr>
<tr>
<td>door, white</td>
<td>MTN395700</td>
</tr>
<tr>
<td>bell, white</td>
<td>MTN395800</td>
</tr>
<tr>
<td>neutral, clear</td>
<td>MTN395569</td>
</tr>
<tr>
<td>light, clear</td>
<td>MTN395669</td>
</tr>
<tr>
<td>door, clear</td>
<td>MTN395769</td>
</tr>
<tr>
<td>bell, clear</td>
<td>MTN395869</td>
</tr>
<tr>
<td>neutral, red transp.</td>
<td>MTN395900</td>
</tr>
</tbody>
</table>

For rockers and switches with square opening.

**Accessories from:**
- Rocker with rectangular indicator window for symbols System M MTN4328.., MTN4338..
- Artec/Antique MTN4118..
- Aquadesign MTN4338..
- Rocker with rectangular indicator window for symbols, IP44 System M MTN4327.., MTN4337..
- Artec/Antique MTN4127..

---

**Low current consumption (approx. 0.65 mA) and low starting voltage (max. 120 V) mean it is particularly suitable for stairwell and fluorescent lamp circuits.**

**To be completed with:**
- Plug-in light attachment E 10 MTN396576
- Light signal E 10 insert MTN319017/18
Labelling strips for switches, socket-outlets

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MTN3926-6000</td>
</tr>
</tbody>
</table>

For individual labelling.
To be completed with: Hotel keycard holder with labelling field System Design MTN3854-60..
Central plate with square opening and label field System Design MTN4250-60..
Contents: 1 sheet for 36 products.

Symbol set for socket-outlet

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MTN3927-6000</td>
</tr>
</tbody>
</table>

For individual marking of sockets.
The symbols for computer, dryer, washing machine, dishwasher, freezer, refrigerator and microwave are stuck on the socket covers.
Contents: Symbol set with 2 computers, 1 dryer, 1 washing machine, 1 dishwasher, 1 freezer, 1 refrigerator and 1 microwave.

Sealing ring for augmenting the level of protection to IP 44

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MTN515990</td>
</tr>
</tbody>
</table>

The sealing ring allows System M, Artec, Antique, Trancent socket-outlets with hinged lids to satisfy IP 44 level of protection.

Dirt cover for switches and socket-outlets

<table>
<thead>
<tr>
<th>Version</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>green</td>
<td>MTN3900-0000</td>
</tr>
</tbody>
</table>

For protection of switches and socket-outlets from damage due to painting/,varnishing work.
Merten System Design Dimensions

Rocker switch/push-button

Frames

<table>
<thead>
<tr>
<th>Material</th>
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<th>2-gang</th>
<th>3-gang</th>
<th>4-gang</th>
<th>5-gang</th>
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<td>Merten D-Life</td>
<td>a = 90,0</td>
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<td>a = 233,1</td>
<td>a = 304,8</td>
<td>a = 376,4</td>
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<td>a = 378,3</td>
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</tbody>
</table>

Shaver socket