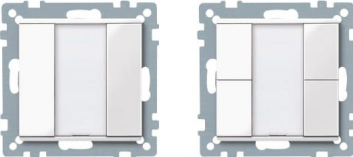


Push-Buttons



Dismantling protection

Version	Art. no.
	MTN6270-0000

Prevents the KNX Push-buttons Pro/Pro T, KNX Multi-Touch Pro, and 4" Touch Unit from being removed easily.

In KNX, to be completed with:
KNX Push-button ProT
System M MTN6185-03/04..
System Design MTN6185-60..
KNX Push-button Pro
System M MTN6180-03/04..
System D MTN6180-60..
System D MTN6181-6035
KNX Multitouch Pro System M MTN6215-03..
System D MTN6215-59..
System D MTN6216-5910
SpaceLogic KNX 4" Touch Unit MTN6215-0410

Contents: 2 stainless steel hooks.

Push-button, 1-gang plus

Version	Art. no.
white, glossy	MTN617144
polar white, glossy	MTN617119
active white, glossy	MTN617125
anthracite	MTN627514
aluminium	MTN627560

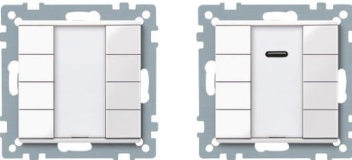
For System M.
With integrated bus coupling unit.
Push-button with 2 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The device is connected to the bus line with a bus connecting terminal.
KNX software functions: Switching, 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: Labelling sheets for push-buttons System M MTN6183..
Contents: With protective hood for plaster. With bus connecting terminal.

Push-button, 2-gang plus

Version	Art. no.
white, glossy	MTN617244
polar white, glossy	MTN617219
active white, glossy	MTN617225
anthracite	MTN627614
aluminium	MTN627660

For System M.
With integrated bus coupling unit.
Push-button with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The device is connected to the bus line with a bus connecting terminal.
KNX software functions: 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: Labelling sheets for push-buttons System M MTN6183..
Contents: With protective hood for plaster. With bus connecting terminal.

Push-Buttons



Push-button, 4-gang plus

Version	Art. no.
white, glossy	MTN617444
polar white, glossy	MTN617419
active white, glossy	MTN617425
anthracite	MTN627814
aluminium	MTN627860

For System M.
With integrated bus coupling unit.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The device is connected to the bus line with a bus connecting terminal.
KNX software functions: 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: Labelling sheets for push-buttons System M MTN6183..
Contents: With protective hood for plaster. With bus connecting terminal.

Push-button, 4-gang plus with IR receiver

Version	Art. no.
white, glossy	MTN617544
polar white, glossy	MTN617519
active white, glossy	MTN617525
anthracite	MTN627914
aluminium	MTN627960

For System M.
With integrated bus coupling unit.
Push-button with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
The functions of each of the keys can be triggered using an IR remote control.
The push-button is pre-programmed for operation with a Merten IR remote control Distance. Many other IR remote controls (e.g. existing TV or CD player remote controls) can be taught into the push-buttons.
The device is connected to the bus line with a bus connecting terminal.
KNX software functions: 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: Labelling sheets for multi-function push-button with IR receiver System M MTN6184..
Transmitter: IR universal remote control MTN5761-0000
Contents: With protective hood for plaster. With bus connecting terminal.

Labelling sheets for push-buttons

Version	Art. no.
polar white	MTN618319
silver	MTN618320

For individual labelling of the System M push-buttons with text or symbols.
Accessories from: Push-button, 1-gang plus System M MTN6275... MTN6171...
Push-button, 2-gang plus System M MTN6276... MTN6172...
Push-button, 4-gang plus System M MTN6278... MTN6174..
Contents: 1 sheet for every 28 products.


Labelling sheets for multi-function push-button with IR receiver

Version	Art. no.
polar white	MTN618419
silver	MTN618420

For individual labelling of the System M multi-function push-button with IR receiver.
Accessories from: Push-button, 4-gang plus with IR receiver System M MTN6279... MTN6175..
Contents: 1 sheet for every 28 products.

Push-Buttons







Protective hood for plaster	
	
Version	Art. no.
	MTN627591

For System M.
To protect push-buttons, rockers, room temperature control units and room controllers from contamination from painting and decorating work.
Accessories from: Push-button, 1-gang plus System M MTN6275..., MTN6171..., Push-button, 2-gang plus System M MTN6276..., MTN6172..., Push-button, 4-gang plus System M MTN6278..., MTN6174..., Push-button, 4-gang plus with IR receiver System M MTN6279..., MTN6175..., Push-button 2-gang plus with room temperature control unit System M MTN6212-03... /-04..., Rocker for 1-gang push-button module System M MTN6191..., MTN6251..., Rocker for 1-gang push-button module with 1/0 imprint System M MTN6254..., MTN6193..., Rocker for 1-gang push-button module with up/down arrow imprint System M MTN6255..., MTN6194..., Rockers for 2-gang push-button module System M MTN6192..., MTN6252..., Rockers for 2-gang push-button module with 1/0 and up/down arrow imprint System M MTN6256..., MTN6195..., Rockers for 2-gang push-button module with up/down arrow and 1/0 imprint System M MTN6257..., MTN6196..., Rockers for 2-gang push-button module with up/down arrow imprint System M MTN6258..., MTN6197..
Note: When the protective hood for plaster is in place, the temperature measurement of the room temperature control unit is restricted.

Push-Buttons



Push-button 2-gang plus with room temperature control unit	
	
Version	Art. no.
 white, glossy	MTN6212-0344
<input type="checkbox"/> polar white, glossy	MTN6212-0319
<input type="checkbox"/> active white, glossy	MTN6212-0325
 anthracite	MTN6212-0414
 aluminium	MTN6212-0460

For System M.
Convenient control unit with 4 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
With room temperature control unit and display.
With 5 red LEDs.
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. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day (external trigger), display mode, time, switching times and brightness of the display.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
With integrated bus coupler. The bus is connected using a bus connecting terminal.
KNX software functions:
Functions of the push-buttons:

Switching, toggling, dimming, blind control (relative or absolute), 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, timed control with synchronisation, notification functions, the cyclic reading of external temperature values, fan control, operating modes, move setpoints.
Functions of the room temperature control unit:

Controller type: 2-step control, continuous PI controller, switching PI controller (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
■ Heating and cooling with one controller output
■ 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, 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.

Monitoring function for the actual temperature, valve protection function.

Scene function.

Operation: Menu.
Contents: With bus connecting terminal and supporting plate.
Screw for protection against dismantling.
With protective hood for plaster.

Push-Buttons



Push-button 4-gang plus with room temperature control unit



Version	Art. no.
white, glossy	MTN6214-0344
polar white, glossy	MTN6214-0319
active white, glossy	MTN6214-0325
anthracite	MTN6214-0414
aluminium	MTN6214-0460

For System M.
Convenient control unit with 8 operating buttons, operating and status display and labelling field. The operating display can also be used as an orientation light.
With room temperature control unit and display.
With integrated piezoelectric buzzer to display alarm states and IR receiver. All functions of the respective buttons can be controlled via IR remote control.
With 9 red LEDs.
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. With the white backlit display for showing e.g. the time, date, temperature and operating mode. Menu for setting default operating modes, setpoint value, working/non-working day (external trigger), display mode, time, switching times and brightness of the display.
The push-buttons are freely parameterisable as push-button pairs (dual-surface) or as single push-buttons.
With integrated bus coupler. The bus is connected using a bus connecting terminal.
KNX software functions:
Functions of the push-buttons:

Switching, toggling, dimming, blind control (relative or absolute), 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, timed control with synchronisation, notification functions, the cyclic reading of external temperature values, fan control, operating modes, move setpoints.
Functions of the room temperature control unit:

Controller type: 2-step control, continuous PI controller, switching PI controller (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
 - Heating and cooling with one controller output
 - 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, 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.

Monitoring function for the actual temperature, valve protection function.

Scene function.

Operation: Menu.
Transmitter: IR universal remote control MTN5761-0000
To be completed with: M-Smart frame, 2-gang without central bridge piece MTN4788..., M-Arc frame, 2-gang without central bridge piece MTN4858..., M-Star frame, 2-gang without central bridge piece MTN4668..., MTN4768..., MTN4868..., M-Plan frames, 2-gang without central bridge piece MTN4888..., MTN5158..., Metal frame, 2-gang without central bridge piece M-Elegance MTN4038..., Real glass frame, 2-gang without central bridge piece M-Elegance MTN4048...
Contents: With bus connecting terminal and supporting plate.
Screw for protection against dismantling.
With protective hood for plaster.

Push-Buttons



Rocker for 1-gang push-button module



Version	Art. no.
white, glossy	MTN619144
polar white, glossy	MTN619119
active white, glossy	MTN619125
anthracite	MTN625114
aluminium	MTN625160

For System M.
The rocker is attached to the 1-gang push-button module.
In KNX, to be completed with: KNX push-button module, 1-gang System M MTN625199
Accessories: Protective hood for plaster System M MTN627591

Rocker for 1-gang push-button module with 1/0 imprint



Version	Art. no.
white, glossy	MTN619344
polar white, glossy	MTN619319
active white, glossy	MTN619325
anthracite	MTN625414
aluminium	MTN625460

For System M.
The rocker is attached to the 1-gang push-button module.
In KNX, to be completed with: KNX push-button module, 1-gang System M MTN625199
Accessories: Protective hood for plaster System M MTN627591

Rocker for 1-gang push-button module with up/down arrow imprint



Version	Art. no.
white, glossy	MTN619444
polar white, glossy	MTN619419
active white, glossy	MTN619425
anthracite	MTN625514
aluminium	MTN625560

For System M.
The rocker is attached to the 1-gang push-button module.
In KNX, to be completed with: KNX push-button module, 1-gang System M MTN625199
Accessories: Protective hood for plaster System M MTN627591

KNX push-button module, 1-gang



Version	Art. no.
	MTN625199

For System M.
Push-button module without rocker. With programmable status display.
The device is connected to the bus line with a bus connecting terminal. With integrated bus coupler.
KNX software functions: The push-buttons can be parameterised either as a pair (dual-surface) or individually (single-surface).
Single-surface: Switch ON or switch OFF, dimming, scenes.
Dual-surface: Switch ON or switch OFF, dimming, scenes, blinds.
In KNX, to be completed with: Rocker for 1-gang push-button module System M MTN6191..., MTN6251..., Rocker for 1-gang push-button module with 1/0 imprint System M MTN6254..., MTN6193..., Rocker for 1-gang push-button module with up/down arrow imprint System M MTN6255..., MTN6194...