

## CONTROL PUSH-BUTTONS



### Control push-buttons

- They can be used in both building and industrial installations and in security technology.
- For switching of electric circuits up to 25 A.
- Already installed push-button can be replaced.
- Modular design with fastening on the „U“ rail wide 35 mm according to EN 60715.

Colour of push-button	Arrangement of contacts <sup>1)</sup>	Type	Product code	Number of modules	Weight [kg]	Package [pcs]
black	01	<b>MTX-01-TB</b>	37265	1	0.072	1
	10	<b>MTX-10-TB</b>	37268	1	0.072	1
	22	<b>MTX-22-TB</b>	37271	1	0.097	1
red	01	<b>MTX-01-TC</b>	37266	1	0.072	1
	10	<b>MTX-10-TC</b>	37269	1	0.072	1
	22	<b>MTX-22-TC</b>	37272	1	0.097	1
green	01	<b>MTX-01-TE</b>	37267	1	0.072	1
	10	<b>MTX-10-TE</b>	37270	1	0.072	1
	22	<b>MTX-22-TE</b>	37273	1	0.097	1

<sup>1)</sup> Each digit indicates successively the number of make and break contacts



### Control push-buttons with signalling

- They can be used in both building and industrial installations and in security technology.
- For switching of electric circuits up to 25 A.
- The installed push-button of black colour and indicator lights of white colour 230 V a.c. can be replaced.
- Modular design with fastening on the „U“ rail wide 35 mm according to EN 60715.

Arrangement of contacts <sup>1)</sup>	Type	Product code	Number of modules	Weight [kg]	Package [pcs]
11	<b>MTX-11-TB-SG-A230</b>	37274	1	0.107	1
20	<b>MTX-20-TB-SG-A230</b>	37275	1	0.107	1

<sup>1)</sup> Each digit indicates successively the number of make and break contacts



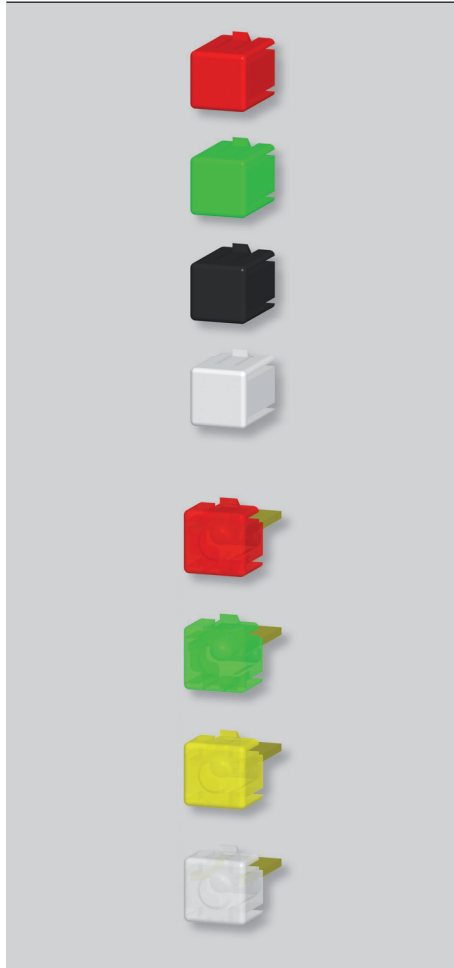
### Double control push-buttons

- They can be used in both building and industrial installations and in security technology.
- For switching two independent electric circuits up to 25 A.
- The installed push-button black colour can be replaced.
- Modular design with fastening on the „U“ rail wide 35 mm according to EN 60715.

Arrangement of contacts <sup>1)</sup>	Type	Product code	Number of modules	Weight [kg]	Package [pcs]
2x 11	<b>MT2-11-TB</b>	37264	1	0.0970	1

<sup>1)</sup> Each digit indicates successively the number of make and break contacts

## CONTROL PUSH-BUTTONS



### Accessories

#### Push-buttons

- They are intended for replacement of the already installed push-buttons.

Colour	Type	Product code	Weight [kg]	Package [pcs]
red	<b>TC</b>	8930	0.002	12
green	<b>TE</b>	8931	0.002	12
black	<b>TB</b>	8932	0.002	12
white	<b>TG</b>	8934	0.002	12

#### Indicator lights

- Indicator light power: 0.8 W
- Indicator light contains a LED.
- Indicator lights light permanently.

Colour of cover	Rated voltage	Type	Product code	Weight [kg]	Package [pcs]
red	230 V a.c.	<b>SC-A230</b>	11102	0.003	12
	24 V a.c./d.c.	<b>SC-X024</b>	11106	0.003	12
green	230 V a.c.	<b>SE-A230</b>	11103	0.003	12
	24 V a.c./d.c.	<b>SE-X024</b>	11107	0.003	12
yellow	230 V a.c.	<b>SD-A230</b>	11104	0.003	12
	24 V a.c./d.c.	<b>SD-X024</b>	11108	0.003	12
white	230 V a.c.	<b>SG-A230</b>	11101	0.003	12
	24 V a.c./d.c.	<b>SG-X024</b>	11105	0.003	12

### Specifications

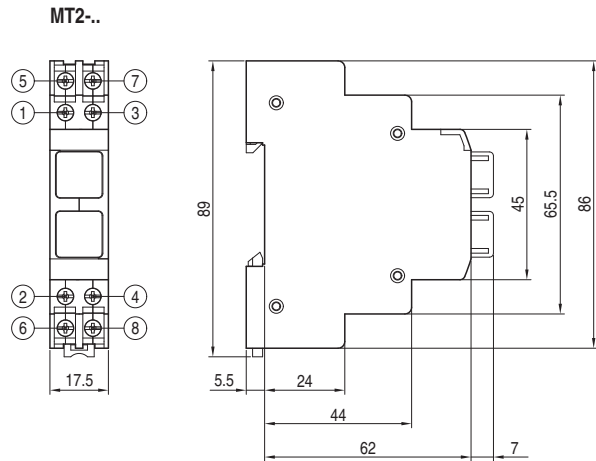
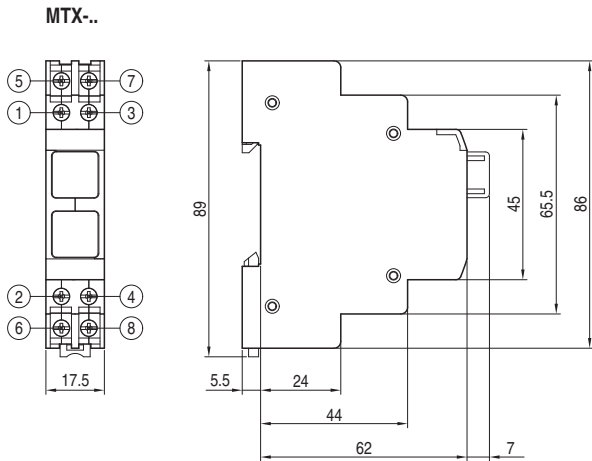
Type	MTX-..	MTX-..-TB-SG-230	MT2-11-TB
Standards	EN 60947-5-1	EN 60947-5-1	EN 60947-5-1
Approval marks			
<b>Contacts</b>			
Arrangement of contacts <sup>1)</sup>	01, 10, 22	11, 20	2x 11
Rated operating voltage $U_e$	230/400 V a.c., 220 V d.c.	230/400 V a.c., 220 V d.c.	230/400 V a.c., 220 V d.c.
Rated thermal current $I_{th}$	25 A	25 A	25 A
Rated operating current $I_e$	AC-12	25 A	25 A
	AC-15	6 A	6 A
	DC-12	1 A	1 A
Mechanical endurance	30 000 operating cycles	30 000 operating cycles	30 000 operating cycles
Connection	0.75 ÷ 6 mm <sup>2</sup> , 2x(0.75 ÷ 2.5) mm <sup>2</sup>	0.75 ÷ 6 mm <sup>2</sup> , 2x(0.75 ÷ 2.5) mm <sup>2</sup>	0.75 ÷ 6 mm <sup>2</sup> , 2x(0.75 ÷ 2.5) mm <sup>2</sup>
Torque	0.8 Nm	0.8 Nm	0.8 Nm
<b>Push-buttons</b>			
Colour	black, red, green, white <sup>2)</sup>	black, red, green, white <sup>2)</sup>	black, red, green, white <sup>2)</sup>
<b>Light signalling</b>			
Power output	-	0.8 W	-
Rated operating voltage $U_e$	-	24 V a.c./d.c., 230 V a.c.	-
Colour of cover	-	white, red, green, yellow <sup>2)</sup>	-
Light	-	permanent	-
Source	-	LED	-
Dispersion	-	by raster in front of LED	-
Connection	-	0.75 ÷ 6 mm <sup>2</sup> , 2x(0.75 ÷ 2.5) mm <sup>2</sup>	-
Torque	-	0.8 Nm	-
<b>Other data</b>			
Mounting on "U" rail according to EN 60715 - type	TH 35	TH 35	TH 35
Degree of protection	IP20	IP20	IP20
Ambient temperature	-25 ÷ +55 °C	-25 ÷ +55 °C	-25 ÷ +55 °C
Working position	arbitrary	arbitrary	arbitrary

<sup>1)</sup> Each digit indicates successively the number of make and break contacts

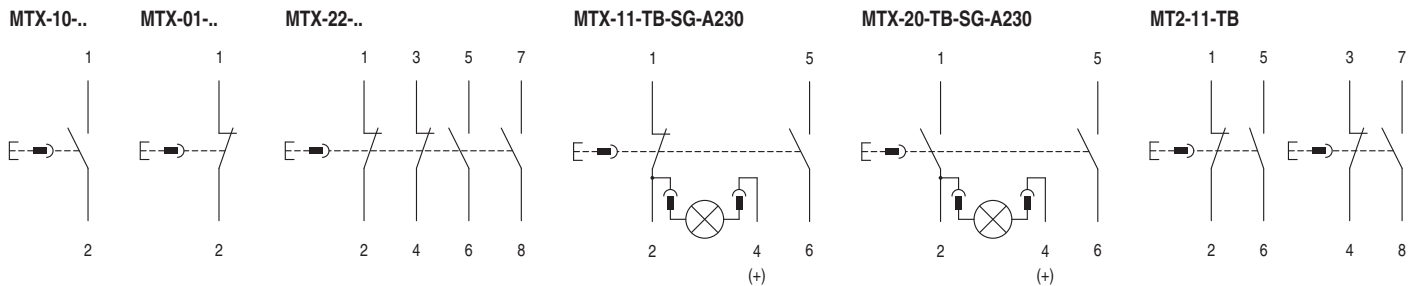
<sup>2)</sup> For control push-buttons it is possible to replace push-button and indicator lights additionally (see accessories)

# CONTROL PUSH-BUTTONS

## Dimensions



## Diagram



### Replacement of push-button and indicator light at MTX-..

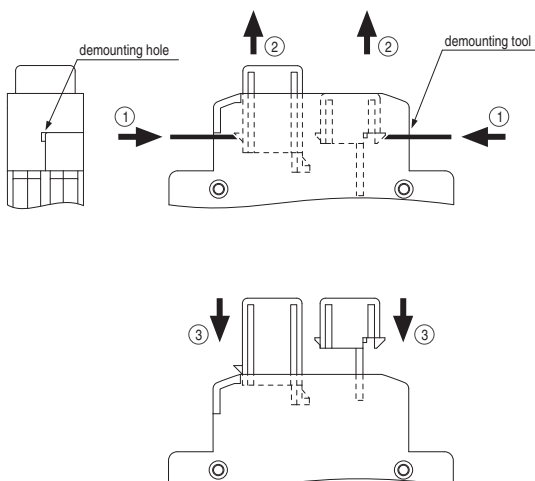
- Installed push-button or indicator light can be replaced by other one (see accessories).

#### Push-button or indicator light demounting:

- 1) Insert demounting tool (e.g. paper-clip) in the demounting hole to ensure that the push-button or indicator light jumps up a little.
- 2) Remove push-button or the indicator light from control push-button.

#### Installation of a push-button or indicator light:

- 3) Insert and press the push-button or the indicator light in the hole in the control push-button.



### Replacement of push-buttons at MT2-..

- Installed push-button can be replaced by other one (see accessories).

#### Push-button demounting:

- 1) Insert demounting tool (e.g. paper-clip) in the demounting hole to ensure that the push-button jumps up a little.
- 2) Remove push-button from control push-button.

#### Installation of a push-button:

- 3) Insert and press the push-button in the hole in the control push-button.

