- ► For safety switches NZ.VZ und NZ.VZ.VS
- ▶ Bolt NZ-.B with ball detent mechanism
- ▶ Bolt NZ-.R2 with detent knob
- For right or left hinged doors



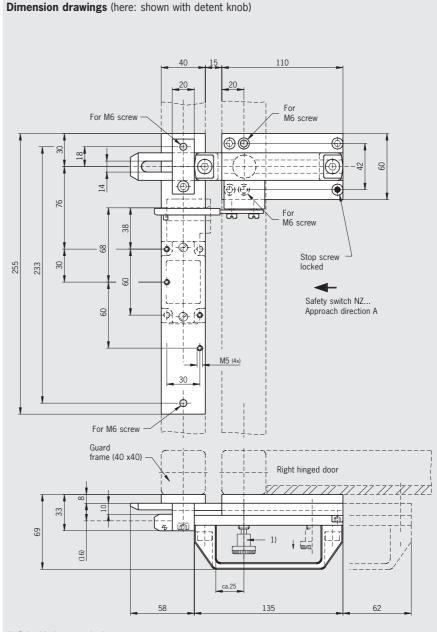
### Special features

- NZ-.B bolt engages in open and closed position
  - Prevents accidental opening and closing of the bolt
- NZ-.R2 bolt engages in open and closed position. Unlocked by pulling the detent knob upward

### Features

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Easy to use
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

### Bolt for safety switches NZ.VZ und NZ.VZ.VS

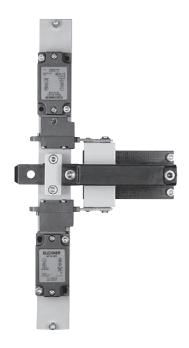


Bolt with detent mechanism:
 Latches in open position and prevents unintended closing of the bolt.
 When the bolt is closed, the knob engages and prevent unintended opening.
 Unlocked by pulling the detent knob upward.

Ordering table			
Designation	Detent mechanism	Version	Order No.
Bolt NZ-A	None	For right hinged doors,	057 734
BUIL INZ-A	None	actuator included	Bolt NZ-A
Bolt NZ-C	None	For left hinged doors,	057 735
Boit NZ-C	None	actuator included	Bolt NZ-C
Bolt NZ-AB	Ball detent mechanism	For right hinged doors,	083 890
BOIL INZ-AB		actuator included	Bolt NZ-AB
Bolt NZ-CB	Ball detent mechanism	For left hinged doors,	083 892
BOIL NZ-CB	Dali detent mechanism	actuator included	Bolt NZ-CB
Dole NZ ADO	Datant lineh	For right hinged doors,	078 455
Bolt NZ-AR2	Detent knob	actuator included	Bolt NZ-AR2
Bolt NZ-CR2	Datant Imah	For left hinged doors,	078 456
	Detent knob	actuator included	Bolt NZ-CR2



► For 2 safety switches NZ.VZ on one bolt



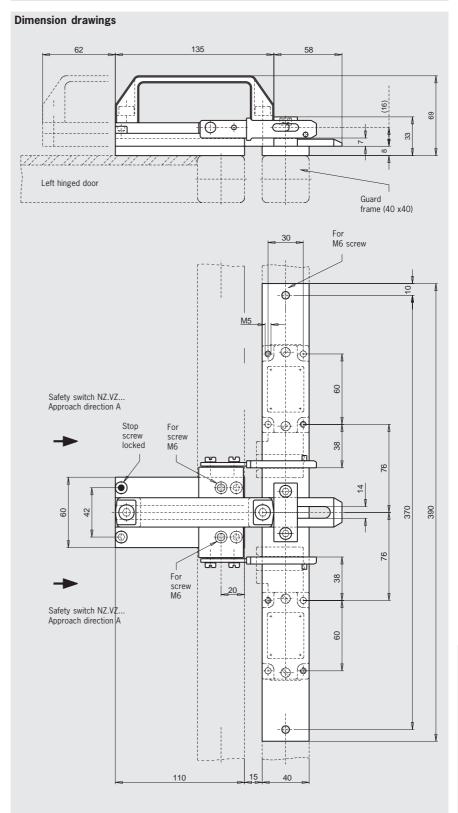
### Special features

- One bolt for 2 safety switches
  - High control category
- (e. g. category 4) is achievedBolt can be used for doors hinged on the right or left

### Features

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

# Bolt for 2 safety switches NZ.VZ on one bolt



Designation	Detent mechanism	Version	Order No.
Bolt NZ-AC	None	For right or left hinged doors, 2 safety switches on one bolt,	<b>076 188</b> Bolt NZ-AC
		actuator included	BOIT NZ-AC

- ► For safety switches NZ.VZ
- Lever for escape release from the danger area
- Bolt with detent knob
- For right or left hinged doors



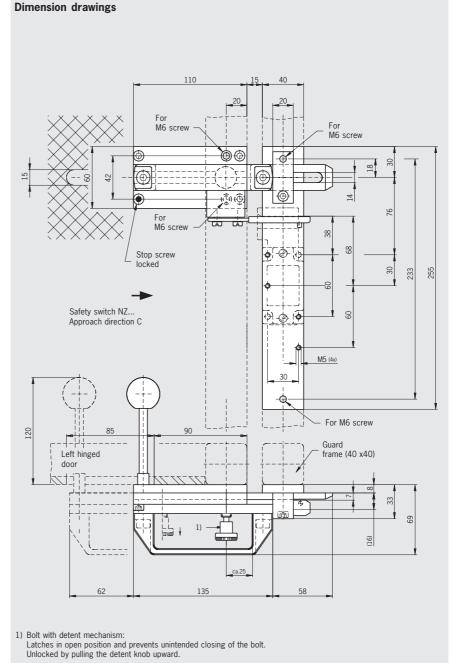
### Special features

- Bolt with detent mechanism
  - The bolt latches in open position to prevent unintended closing

#### Features

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

# **Bolt for safety switches NZ.VZ**



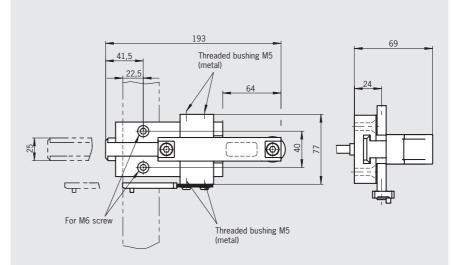
Ordering table					
Designation	Detent mechanism	Version	Order No.		
Bolt NZ-AF	Detent knob	For right hinged doors, escape release from the danger area, actuator included	<b>078 451</b> Bolt NZ-AF		
Bolt NZ-CF	Detent knob	For left hinged doors, escape release from the danger area, actuator included	<b>078 452</b> Bolt NZ-CF		

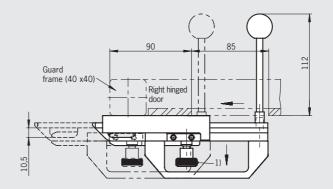


- ► For safety switches NZ.VZ
- Material: reinforced plastic
- Lever for escape release from the danger area
- Bolt with detent knob
- For right or left hinged doors

### Bolt for safety switches NZ.VZ

### **Dimension drawings**





# Bolt with detent mechanism (only for bolts with escape release) Latches in open position and prevents unintended closing of the bolt. Unlocked by pulling the detent knob upward.

# **Special features**

- Bolt with detent mechanism (only for bolts with escape release)
  - The bolt latches in open position to prevent unintended closing

#### **Features**

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

# Notes

- Functions only in conjunction with switch bracket **NZ-GFK**
- Actuator included
- Please order safety switch separately
- Order switch bracket separately

Designation Designation	Detent mechanism	Version	Order No.
Bolt NZ-GFK	Without	For right hinged doors, without escape release; actuator included	<b>096 617</b> Bolt NZ-GFK
Bolt NZ-GFK-F	Detent knob	For left hinged doors, escape release from the danger area, actuator included	<b>097 603</b> Bolt NZ-GFK-F
Switch bracket NZ-GFK		Separate	<b>096 614</b> Switch bracket NZ-GFK



- ► For safety switches NZ.VZ, NZ.VZ.VS and TZ
- ► Bolt with hand lever
- For right or left hinged doors



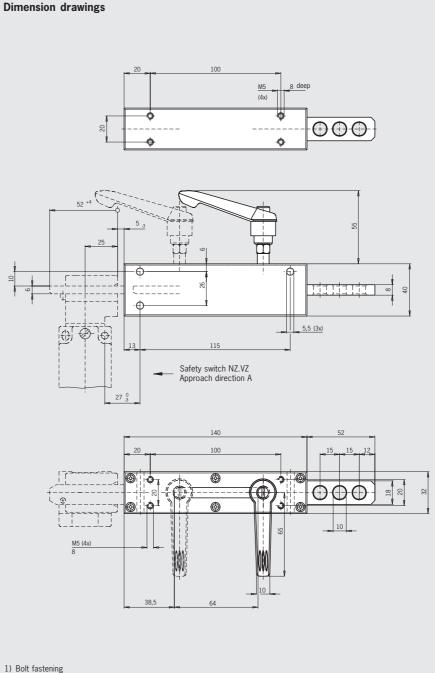
### Special features

- The hand lever can be permanently set to 20 rotary positions (in 18° increments)
- On bolt **NZ/TZ-G1**, actuating pin on bottom
- Safety switch fastened as shown in illustration
- On bolt **NZ/TZ-G2**, actuating pin on top "Safety switch fastened rotated by 180°
- After the door is opened, the actuator is automatically withdrawn into the bolt by a built-in return spring
  - The operator is protected When the door is open there is no risk of injury due to protruding actuator
  - The actuator is protected When hinged doors are closed it is ensured that the actuator is not used as an end stop

### Features

Three holes enable padlocks to be attached

# Bolt for safety switches NZ.VZ, NZ.VZ.VS and TZ



Ordering table			
Designation	Detent mechanism	Version	Order No.
Bolt NZ/TZ-G1	None	For right or left hinged doors, actuating pin on bottom, actuator included	<b>028 358</b> Bolt NZ/TZ-G1
Bolt NZ/TZ-G2	None	For right or left hinged doors, actuating pin on top, actuator included	<b>028 360</b> Bolt NZ/TZ-G2



- ► For safety switches NZ.VZ, NZ.VZ.VS and TZ...C1828
- Lever for escape release from the danger area
- Bolt with hand lever
- ► For right or left hinged doors



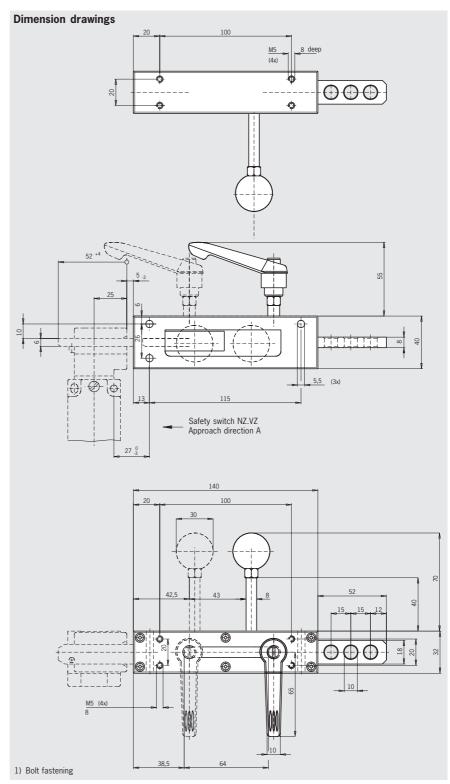
### Special features

- The hand lever can be permanently set to 20 rotary positions (in 18° increments)
- After the door is opened, the actuator is automatically withdrawn into the bolt by a built-in return spring
  - The operator is protected When the door is open there is no risk of injury due to protruding actuator
  - The actuator is protected
    When hinged doors are closed it is
    ensured that the actuator is not used
    as an end stop

# **Features**

- The lever for the escape release only enables the doors to be opened from inside the danger area
- Three holes enable padlocks to be attached

# Bolt for safety switches NZ.VZ, NZ.VZ.VS and TZ...C1828



Designation	Detent mechanism	Version	Order No.
Bolt NZ/TZ-G1/AF	None	For right hinged doors, escape release from the danger area, actuator included	<b>079 788</b> Bolt NZ/TZ-G1/AF
Bolt NZ/TZ-G1/CF	None	For left hinged doors, escape release from the danger area, actuator included	<b>079 787</b> Bolt NZ/TZ-G1/CF





- ► For safety switches NZ.VZ, NZ.VZ.VS and TZ...
- ► Bolt with ball handle
- For right or left hinged doors



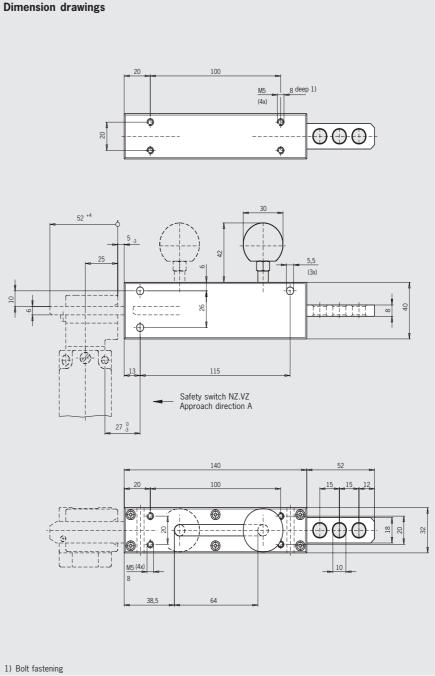
### **Special features**

- On bolt NZ/TZ-S1, actuating pin on bottom
  Safety switch fastened as shown in illustration
- On bolt NZ/TZ-S2, actuating pin on top
   Safety switch fastened rotated by 180°
- After the door is opened, the actuator is automatically withdrawn into the bolt by a built-in return spring
  - The operator is protected
    When the door is open there is no risk
    of injury due to protruding actuator
  - The actuator is protected When hinged doors are closed it is ensured that the actuator is not used as an end stop

# Features

Three holes enable padlocks to be attached

# Bolt for safety switches NZ.VZ, NZ.VZ.VS and TZ



Ordering table			
Designation	Detent mechanism	Version	Order No.
Bolt NZ/TZ-\$1	None	For right or left hinged doors, actuating pin on bottom, actuator included	<b>028 357</b> Bolt NZ/TZ-S1
Bolt NZ/TZ-S2	None	For right or left hinged doors, actuating pin on top, actuator included	<b>028 359</b> Bolt NZ/TZ-S2



- ► For safety switches NZ.VZ, NZ.VZ.VS and TZ...C1828
- Lever for escape release from the danger area
- ► Bolt with ball handle
- For right or left hinged doors



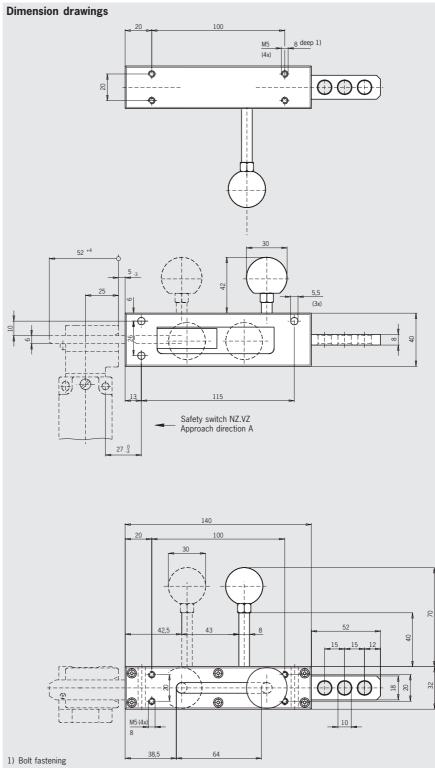
### Special features

- After the door is opened, the actuator is automatically withdrawn into the bolt by a built-in return spring
  - The operator is protected When the door is open there is no risk of injury due to protruding actuator
  - The actuator is protected When hinged doors are closed it is ensured that the actuator is not used as an end stop

### **Features**

- The lever for the escape release only enables the doors to be **opened** from inside the danger area
- ▶ Three holes enable padlocks to be attached

# Bolt for safety switches NZ.VZ, NZ.VZ.VS and TZ...C1828



Designation	Detent mechanism	Version	Order No.
Bolt NZ/TZ-S1/AF	None	For right hinged doors, escape release from the danger area, actuator included	<b>079 786</b> Bolt NZ/TZ-S1/AF
Bolt NZ/TZ-S1/CF	None	For left hinged doors, escape release from the danger area, actuator included	<b>079 785</b> Bolt NZ/TZ-S1/CF



- ► For safety switches NZ.VZ, NZ.VZ.VS and TZ
- ► Bolt with knurled knob
- For right or left hinged doors



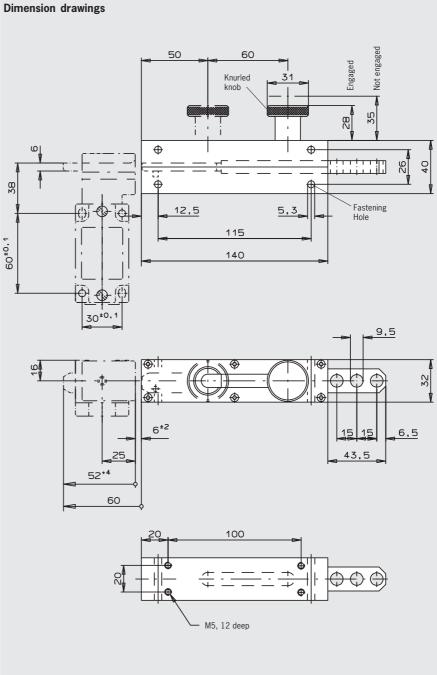
### Special features

Bolt knob engages in open and closed position. The actuator can be inserted in the safety switch by pulling the knurled knob

#### Features

Three holes enable padlocks to be attached

# Bolt for safety switches NZ.VZ, NZ.VZ.VS and TZ



Designation	Detent mechanism	Version	Order No.
Bolt NZ/TZ-Z	Knurled knob	For right or left hinged doors,	057 770
BOIL NZ/ 1Z-Z	Midiled Kilob	actuator included	Bolt NZ/TZ-Z



- ► For safety switches NZ.VZ, TZ...C1684, TZ...C1815 and TZ...C1828
- Lever for escape release from the danger area
- For 2 safety switches on one bolt (NZ and TZ)
- ► For right or left hinged doors



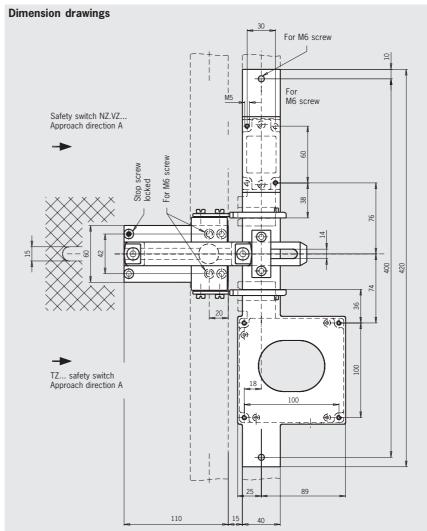
### **Special features**

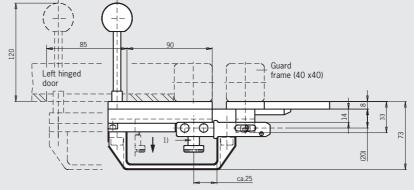
- One bolt for 2 safety switches (NZ and TZ with guard locking)
  - High control category
    (e. g. category 4) is achieved
- Bolt with detent mechanism
  - The bolt latches in open position to prevent unintended closing

### **Features**

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

### Bolt for 2 safety switches NZ.VZ on one bolt





Bolt with detent mechanism:
 Latches in open position and prevents unintended closing of the bolt Unlocked by pulling the detent knob upward.

Designation	Detent mechanism	Version	Order No.
Bolt NZ/TZ-ACF	Detent knob	For right or left hinged doors, 2 safety switches on one bolt, escape release from the danger area, actuator included	<b>083 900</b> Bolt NZ/TZ-ACF



- ► For safety switches with escape release TZ...C1815 and TZ...C1828
- Lever for escape release from the danger area
- For right or left hinged doors



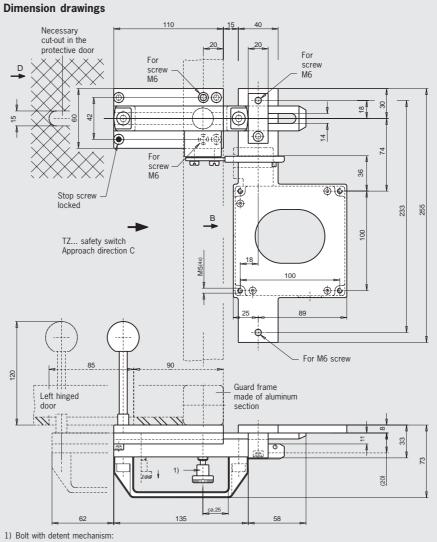
# **Special features**

- Bolt with detent mechanism
  - The bolt latches in open position to prevent unintended closing

### **Features**

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

# Bolt for safety switches TZ...C1815 and TZ...C1828



Bolt with detent mechanism:
 Latches in open position and prevents unintended closing of the bolt.
 Unlocked by pulling the detent knob upward.

Designation	Detent mechanism	Version	Order No.
Bolt TZ-AF	Detent knob	For right hinged doors, escape release from the danger area, actuator and switch bracket included	<b>076 200</b> Bolt TZ-AF
Bolt TZ-CF	Detent knob	For left hinged doors, escape release from the danger area, actuator and switch bracket included	<b>076 199</b> Bolt TZ-CF

- ► For safety switches TZ
- ▶ Optional stainless steel bolt, 1.4301
- ► For right or left hinged doors



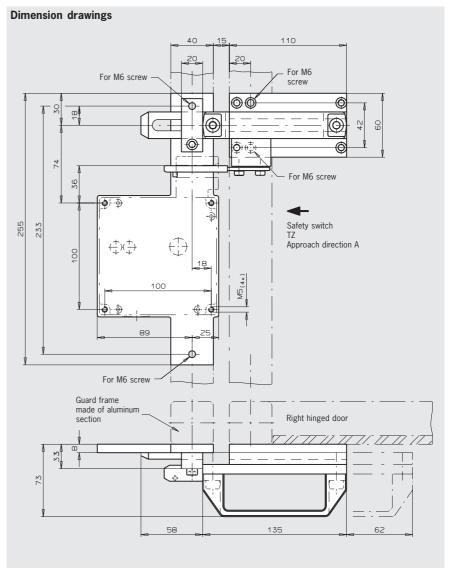
#### **Features**

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Easy to use
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

# Version in stainless steel 1.4301

- Suitable for use in the chemical and foodstuff industries
- Screw material stainless steel V2A
- Handle material polypropylene
- Slide strip material polyethylene

# **Bolts for safety switches TZ**



Designation	Detent mechanism	Version	Order No.
Delt T7 A	None	For right hinged doors	057 736
Bolt TZ-A	None	actuator and switch bracket included	Bolt TZ-A
Bolt TZ-C	None	For left hinged doors	057 737
DOIL 12-C	None	actuator and switch bracket included	Bolt TZ-C
Dolt T7 A NIDO	None	For right hinged doors, bolt made of stainless steel 1.4301,	079 798
Bolt TZ-A-NIRO	None	actuator and switch bracket included	Bolt TZ-A-NIRO
Bolt TZ-C-NIRO	None	For left hinged doors, bolt made of stainless steel 1.4301,	079 799
	None	actuator and switch bracket included	Bolt TZ-C-NIRO
		For right hinged doors, bolt made of stainless steel 1.4301,	
Dalt T7 A NIDO 00101	None	screws made of stainless steel V2A,	096 057
Bolt TZ-A-NIRO-C2101	None	handle and slide strips made of stainless steel 1.4301,	Bolt TZ-A-NIRO-C2101
		actuator and switch bracket included (similar to figure)	
Bolt TZ-C-NIRO-C2101		For left hinged doors, bolt made of stainless steel 1.4301,	
	None	screws made of stainless steel V2A,	096 058
	None	handle and slide strips made of stainless steel 1.4301,	Bolt TZ-C-NIRO-C2101
		actuator and switch bracket included (similar to figure)	



- ► For safety switches TX and NX
- ► For right or left hinged doors

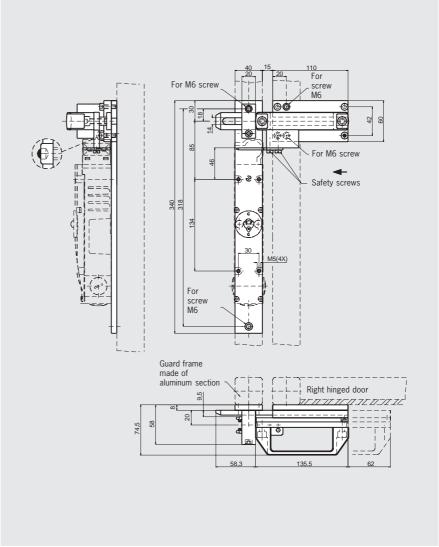


### **Features**

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- No additional door handle necessary
- Slot on the bolt tongue permits attachment of padlocks

# Bolt for safety switches TX and NX

**Dimension drawings** 



Designation	Detent mechanism	Version	Order No.
Bolt TX-A	None	Without escape release, for right hinged doors	082 990
BOIT 1X-A	None	actuator and switch bracket included	Bolt TX-A
Dalk TV C	No.	Without escape release, for left hinged doors	082 991
Bolt TX-C	None	actuator and switch bracket included Bolt TX-C	Bolt TX-C

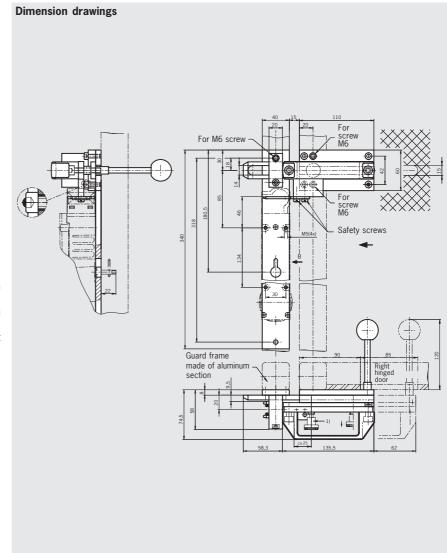
- ► For safety switches TX...C1991 with escape release
- ► For right or left hinged doors



### **Features**

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- No additional door handle necessary
- Slot on the bolt tongue permits attachment of padlocks

# Bolts for safety switches TX...C1991 with escape release



ordering tubio			
Designation	Detent mechanism	Version	Order No.
Delt TV AF	Detent knob	With escape release, for right hinged doors	085 392
Bolt TX-AF	Detent knob	actuator and switch bracket included	Bolt TX-AF
Bolt TX-CF Detent knob	With escape release, for left hinged doors	085 393	
	Detent knob	actuator and switch bracket included	Polt TV CE



# Bolts for safety guards for safety switches STA

 Lever for escape release from the danger area (optional)



# **Special features**

(only for bolts S-AF and S-CF with escape release)

- Bolt with detent mechanism
   The bolt latches in open position to prevent unintended closing
- Lever for escape release from the danger area (optional)

### Features

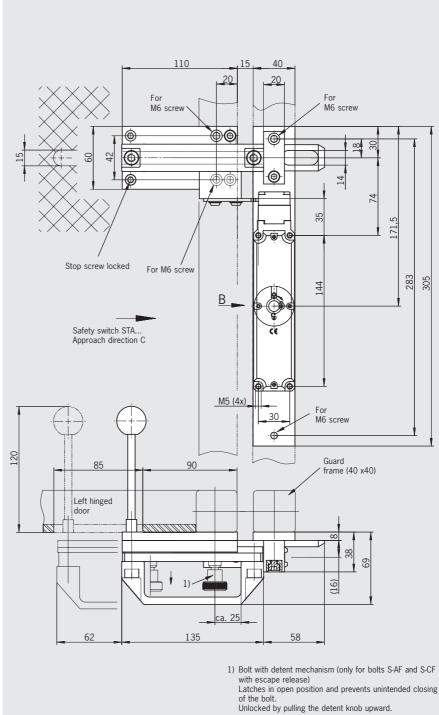
- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

### Notes

- The bolts are only suitable for series **STA...**
- Actuator included
- Please order safety switch separately

# Bolt for safety switches STA...

Dimension drawings (here: shown with escape release)

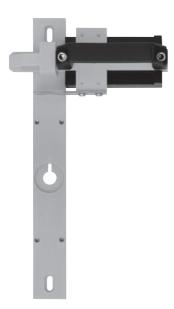


The state of the s			
Designation	Detent mechanism	Version	Order No.
Bolt S-AF	Detent knob	For right hinged doors,	096 390
Buit 3-AF	Detent knob	with escape release	Bolt S-AF
Dalt C CE	Dataut kuah	For left hinged doors,	096 391
Bolt S-CF	Detent knob	with escape release	Bolt S-CF
Dalt C A		For right hinged doors,	096 384
Bolt S-A	without	without escape release	Bolt S-A
D-It C O	Bolt S-C without	For left hinged doors,	096 385
Bolt S-C		without escape release	Bolt S-C



# Bolts for safety guards for safety switches STA

- Material: reinforced plastic
- Lever for escape release from the danger area
- For right or left hinged doors



### Special features

Bolt with detent mechanism (only for bolts with escape release)

The bolt latches in open position to prevent unintended closing

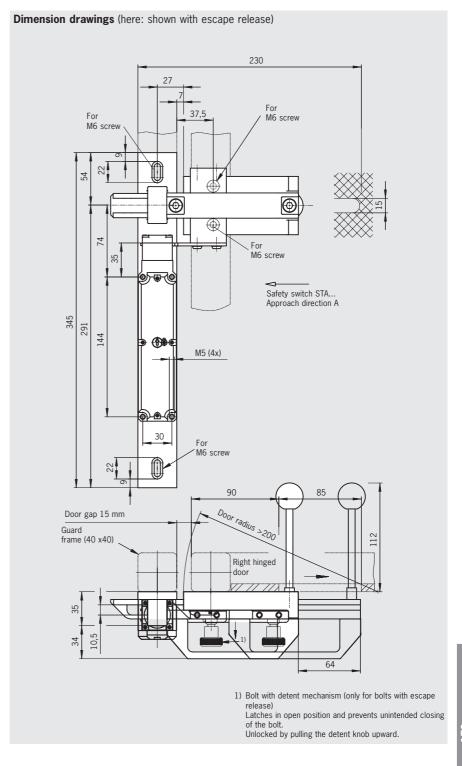
### Features

- Easily fitted to standard aluminum profiles and machine covers by screw connection
- Distinctive yellow color for easy recognition
- Robust version for heavy doors
- No additional door handle necessary
- Slot on the bolt permits attachment of padlocks

### Notes

- Functions only in conjunction with switch bracket TP-GFK
- Actuator included
- Please order safety switch separately
- Order switch bracket separately

### **Bolt for safety switches STA**



	Designation	Detent mechanism	Version	Order No.
	Bolt STP-GFK	without	For right or left hinged doors,	098 121
	Boit SIP-GFK Without	without escape release (also for STA)	Bolt STP-GFK	
	Controls have also TD OFK		Consusta /alas for CTA)	096 613
Switch bracket TP-GFK		Separate (also for STA)	Switch bracket TP-GFK	





# **Accessories for bolts**

- Adapter NZ/TZ... for safety switches NZ.../TZ... for Bosch EcoSafe 45x45 and 30x30
- ► Replacement handle for EUCHNER bolts

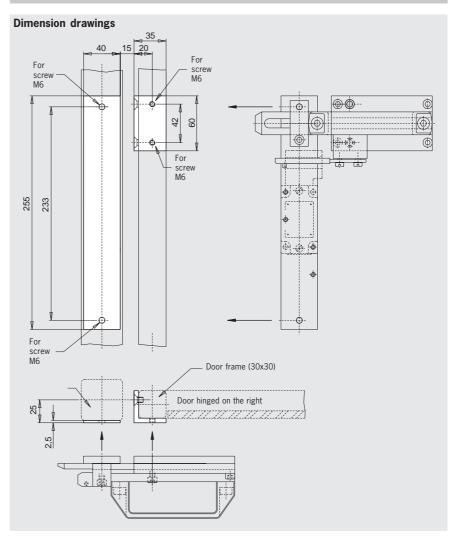
# Adapter NZ/TZ

Using the adapter set the **NZ...** and **TZ...** bolts can be fastened to aluminum profiles (Bosch EcoSafe)

The adapter set is only suitable for protection cross-beams 45x45 mm in combination with safety doors 30x30 mm

- Simple screw mounting
- Symmetrical design for doors hinged on the right or left

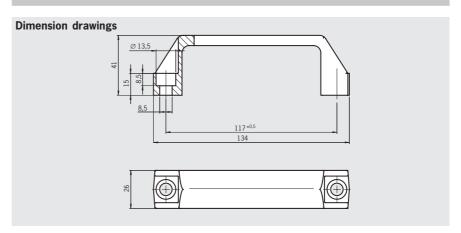
# Adapter NZ/TZ...



# Replacement handle

- Material: plastic, reinforced polypropylene (PP)
- Color: black, mat
- ► Temperature resistance up to 100 °C

# Adapter NZ/TZ...



Designation	Version	Order No.
Adapter NZ/TZ 45/30	Incl. 4 fastening screws for elbow adapter	<b>079 033</b> Adapter NZ/TZ 45/30
Bolt handle/V5	Packaging unit 5 pieces,	093 500
	screws not included	Bolt handle/V5

