

ITEM 122812 CTP-L1-AR-U-HA-AZ-SAB-122812

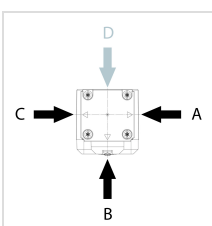
| Description | Technical data | Accessories | Downloads |
|-------------|----------------|-------------|-----------|
|-------------|----------------|-------------|-----------|



Features

- › Safety switch with guard locking and integrated evaluation electronics
- › Up to 20 switches in series
- › Short circuit monitoring
- › 2 safety outputs (semiconductor outputs)
- › Up to category 4/PL e according to EN ISO 13849-1
- › With 2 plug connectors M12
- › Unicode
- › Door monitoring output
- › Approach direction A, B and C (default setting on delivery)

Approach direction



- › Figure
Horizontal
Can be adjusted in 90° steps

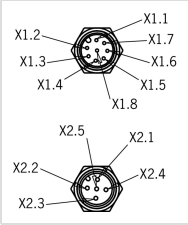


Unicode evaluation

Each actuator is unique. The switch detects only taught-in actuators. Additional actuators can be taught in. Only the last actuator taught in is detected.

Guard locking type

CTP-L1 Guard locking actuated by spring force applied and power-ON released (closed-circuit current principle)

Connector assignment

| Plug connector (view of connection side) | Pin | Designation | Function | Conductor coloring of connection cable |
|---|----------|-------------|---|---|
|  | X 1.1 | FI1B | Enable input for channel 2 | WH |
| | X 1.2 | UB | Operating voltage AR electronics, 24 V DC | BN |
| | X 1.3 | FO1A | Safety output, channel 1  | GN |
| | X 1.4 | FO1B | Safety output, channel 2  | YE |
| | X 1.5 | OL | Guard locking monitoring output | GY |
| | X 1.6 | FI1A | Enable input for channel 1 | PK |
| | X 1.7 | 0 V UB | Operating voltage AR electronics 0 V | BU |
| | X 1.8 | RST | Reset input | RD |
| | X 2.1 | IMM | Operating voltage of guard locking solenoid 0 V | BN |
| | X 2.2 | OD | Door monitoring output | WH |
| | X 2.3 | OI | Diagnostics output | BU |
| | X 2.4 | IMP | Operating voltage of guard locking solenoid, 24 V DC | BK |
| | X 2.5 | - | n.c. | GY |

Approvals



Mechanical values and environment

| | | |
|-------------------------|-----------------------|--------------------------------------|
| Housing material | | |
| | Switch head cover | Die-cast zinc |
| | Safety switch housing | Fiber glass reinforced thermoplastic |
| Weight | | |
| | Net | 0,42 kg |
| Ambient temperature | | |
| | At $U_B = 24V DC$ | -20 ... +55 °C |
| Degree of protection | | IP67 / IP69 / IP69K [1] |
| Resilience to vibration | | In acc. with EN IEC 60947-5-3 |
| Mechanical life | | 1×10^6 |
| Installation position | | Any |
| Ready delay | | 8 s |
| Switching frequency | | max.0,5 Hz |
| Connection | | 2 plug connectors M12, 5 and 8-pin |
| Approach speed | | 20 m/min |
| Guard locking principle | | Closed-circuit current principle |
| Locking force F_{max} | | 3900 N |
| Locking force F_{Zh} | | 3000 N [2] |
| Retention force | | 20 N |
| Extraction force | | 20 N |
| Actuating force | | 10 N |
| Overtravel | | 5 mm |

Electrical connection ratings

| | | |
|--|-----------|--|
| Test-pulse interval | | min.140 ms |
| Test pulses | | max.1,0 ms [3] |
| Operating voltage DC | | |
| | U_{UB} | 24 V DC -15% ... 15% Reverse polarity protected, regulated, residual ripple < 5%, PELV |
| Current consumption | | |
| | I_{UB} | 40 mA |
| | I_{IMP} | 400 mA |
| Utilization category according to EN 60947-5-2 | | |
| | DC-13 | 24V 150mA [4] |
| Solenoid operating voltage DC | | |

| | | |
|---|-----------------|---|
| | U_{IMP} | 24 V DC -15% ... +10% Reverse polarity protected, regulated, residual ripple < 5%, PELV |
| Fusing | | |
| External (operating voltage U_B) | | 0,25 ... 2 A |
| External (solenoid operating voltage U_{IMP}) | | 0,5 ... 8 A |
| Rated insulation voltage U_i | | max.50 V |
| Rated impulse withstand voltage U_{imp} | | max.0,5 kV |
| Power consumption | | 6 W |
| EMC protection requirements | | In acc. with EN IEC 60947-5-3 |
| Solenoid duty cycle | | 100 % |
| Degree of contamination (external, according to EN 60947-1) | | 3 |
| Safety class | | |
| | EN IEC 61140 | III |
| Risk time according to EN 60947-5-3 | | |
| Delay per device | | 5 ms |
| Single device | | max.260 ms |
| switching load | | |
| | According to UL | 24V DC, class 2 [5] |
| | | Safety outputs FO1A / FO1B |
| Type of output | | 2 semiconductor outputs, p-switching, short circuit-proof |
| Switching current | | |
| Per safety output FO1A / FO1B | | 1 ... 150 mA |
| Output voltage | | |
| High $U(FO1A) / U(FO1B)$ | | $U_B - 1,5 \dots U_B$ V DC |
| Low $U(FO1A) / U(FO1B)$ | | 0 ... 1 V DC |
| Off-state current I_r | | max.0,25 mA |
| Switch-on time | | max.400 ms |
| Discrepancy time | | |
| Both safety outputs | | In acc. with EN IEC 60947-5-3 max.10 ms |
| | | Monitoring output OL |
| Type of output | | p-switching, short circuit-proof |
| Switching current | | 1 ... 50 mA |
| Output voltage | | 0,8x U_B ... U_B V DC |
| | | Monitoring output OD |
| Type of output | | p-switching, short circuit-proof |
| Switching current | | 1 ... 50 mA |
| Output voltage | | 0,8x U_B ... U_B V DC |
| | | Monitoring output OI |
| Type of output | | p-switching, short circuit-proof |
| Switching current | | 1 ... 50 mA |
| Output voltage | | 0,8x U_B ... U_B V DC |

Operating distance

| | |
|---------------------------|------|
| Repeat accuracy R | |
| According to EN 60947-5-2 | 10 % |

Miscellaneous

| | |
|--|--|
| For the approval according to UL the following applies | Operation only with UL class 2 power supply, or equivalent measures see operating instructions |
|--|--|

Reliability values acc. to EN ISO 13849-1

| | |
|-------------------|----------------------|
| Performance Level | PL e |
| Category | 4 |
| PFH _D | 4.1×10^{-9} |
| Mission time | 20 y |

[1] Screwed tight plug connector/mating component

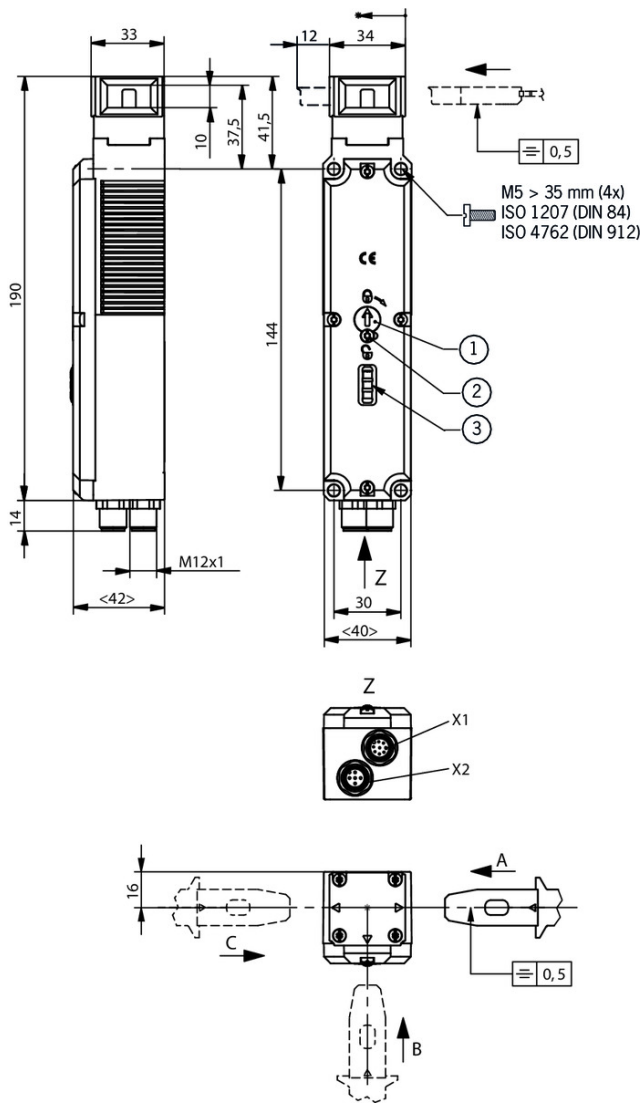
[2] $F_{zh} = F_{max}/1.3$ Depending on the actuator used

[3] Applies for a load with $C \leq 30nF$ and $R \leq 20k\Omega$

[4] Caution: outputs must be protected with a free-wheeling diode in case of inductive loads

[5] Alternatively see operating instructions

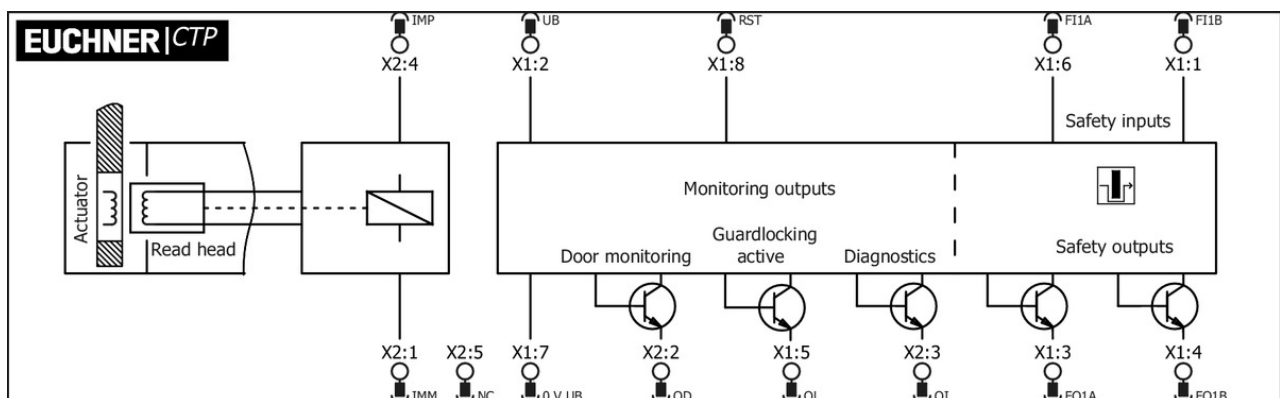
Dimension drawing



Legende

- 1 Auxiliary release
- 2 Locking screw
- 3 LEDs

Wiring diagram



Actuator

▼ Bent actuator for safety switches CTP



122667 A-C-H-W-SST-122667

▼ Features

- › Actuator bent at top
- › Two safety screws included



122668 A-C-H-W-SST-122668

▼ Features

- › Actuator bent at bottom
- › Two safety screws included

▼ Hinged actuator for safety switch CTP



122675 A-C-H-RO-LS-122675

▼ Features

- › Hinged actuator for doors hinged at the top
- › Two safety screws included



122676 A-C-H-RU-LS-122676

▼ Features

- › Hinged actuator for doors hinged at the bottom
- › Two safety screws included



122671 A-C-H-RL-LS-122671

▼ Features

- › Hinged actuator for doors hinged on the left
- › Two safety screws included



122672 A-C-H-RR-LS-122672

▼ Features

- › Hinged actuator for doors hinged on the right
- › Two safety screws included

▼ Straight actuator for safety switch CTP



126015 A-C-H-G-SST-126015

▼ Features

- › Straight actuator
- › Two safety screws included

Function expansion

▼ Lockout mechanism CTP

123411 AE-L-C-H-123411



- ✔ Features
 - › Prevents unintentional closing of the door
 - › Can be secured with padlocks
-

✔ Lock for auxiliary release for safety switches CTP/TP/STP



084177 SCHLOSS TP VERSCHIEDENSCHLIESSEND

- ✔ Features
 - › Lock unique locking
 - › Key removable in “unlocked” and “locked” positions
-



109212 SCHLOSS TP GLEICHSCHLIESSEND C2293

- ✔ Features
 - › Identical locking
 - › Key can be removed only in “locked” position
-



086236 SCHLOSS TP GLEICHSCHLIESSEND

- ✔ Features
 - › Identical locking
 - › Key removable in “unlocked” and “locked” positions
-

✔ Release with automatic reset for safety switches CTP/TP/STP



103110 ENTRIEGELUNG RUECKSTELLEND TP/STP

✔ Emergency unlocking for safety switches CTP/TP/STP



099877 NOTENTSPERRUNG TP/STP

✔ Wire front release



096230 AE-B-A1-02,0-096230

- ✔ Features
 - › Can be used as escape release or emergency unlocking
 - › No automatic return
 - › Sheath length 2 m (rope length 6 m)
-



097747 AE-B-A1-02,0-F-097747

- ✔ Features
 - › Can be used as escape release or emergency unlocking
 - › automatic return
 - › Sheath length 2 m (rope length 6 m)
-



098313 AE-B-A1-03,0-098313

- ✔ Features
 - › Can be used as escape release or emergency unlocking
 - › No automatic return

- › Sheath length 3 m (rope length 6 m)



111233 AE-B-A1-03,0-F-111233

☑ Features

- › Can be used as escape release or emergency unlocking
- › automatic return
- › Sheath length 3 m (rope length 6 m)



098314 AE-B-A1-04,0-098314

☑ Features

- › Can be used as escape release or emergency unlocking
- › No automatic return
- › Sheath length 4 m (rope length 6 m)



124770 AE-B-A1-06,0-F-124770

☑ Features

- › Can be used as escape release or emergency unlocking
- › automatic return
- › Rope length 6 m (without sheath)



125582 AE-B-A1-06,0-125582

☑ Features

- › Can be used as escape release or emergency unlocking
- › No automatic return
- › Rope length 6 m (without sheath)

☑ Handle for wire front release



099795 AY-HDL-099795

☑ Features

- › Suitable for all wire front releases



124204 AY-HDL-124204

☑ Features

- › Suitable for all wire front releases

Mounting accessories

☑ Mounting plates EMP-SB for safety switches CTP, TP...A, STA, STP and TX



093456 EMP-SB

☑ Features

- › For vertical and horizontal mounting of safety switches TP...A, STA, STP and TX

☑ Mounting plates EMP-B1 for actuators for safety switches CTP, TP...A, STA, STP, TX and TZ

093457 EMP-B1



TZ

Mounting plates EMP-B2 for actuators for safety switches CTP, TP...A, STA, STP, TX and



093458 EMP-B2



Mounting plates AM-P for safety switches CTP



126026 AM-P-126026

Features

- › For vertical and horizontal mounting of safety switch CTP

Connection material



Passive distribution module



120861 AC-DP-04-SA-120861

Features

- › Connection of up to 4 CES-AR, CET-AR, CTP-AR and ESL-AR
- › LEDs for the indication of the door position on each port
- › Can be connected in series



Connection cable with 2 plug connectors M12, 5-pin, 20m



119971 C-M12F05-05X034PU20,0-M12M05-119971

Features

- › M12 female plug to M12 plug connector, 5-pin
- › Straight female plug and plug connector
- › PUR cable
- › Cable length 20 m



100182 C-M12F05-05X034PV20,0-M12M05-100182

Features

- › M12 female plug to M12 plug connector, 5-pin
- › Straight female plug and plug connector
- › PVC cable
- › Cable length 20 m



Connection cable with 2 plug connectors M12, 5-pin, 10m



119947 C-M12F05-05X034PU10,0-M12M05-119947

Features

- › M12 female plug to M12 plug connector, 5-pin
- › Straight female plug and plug connector
- › PUR cable
- › Cable length 10 m

100181 C-M12F05-05X034PV10,0-M12M05-100181



- ✓ Features
 - › M12 female plug to M12 plug connector, 5-pin
 - › Straight female plug and plug connector
 - › PVC cable
 - › Cable length 10 m
-

✓ Connection cable with 2 plug connectors M12, 5-pin, 5m



- 119932** C-M12F05-05X034PU05,0-M12M05-119932
- ✓ Features
 - › M12 female plug to M12 plug connector, 5-pin
 - › Straight female plug and plug connector
 - › PUR cable
 - › Cable length 5 m
-



- 100180** C-M12F05-05X034PV05,0-M12M05-100180
- ✓ Features
 - › M12 female plug to M12 plug connector, 5-pin
 - › Straight female plug and plug connector
 - › PVC cable
 - › Cable length 5 m
-

✓ Connection cable with plug connector M12, 8-pin, 30m



- 115116** C-M12F08-08X025PV30,0-MA-115116
- ✓ Features
 - › M12 female plug, 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 30 m
 - › With flying lead
-



- 115257** C-M12F08-08X025PU30,0-MA-115257
- ✓ Features
 - › M12 female plug, 8-pin
 - › Straight plug connector
 - › PUR cable
 - › Cable length 30 m
 - › With flying lead
-

✓ Connection cable with plug connector M12, 8-pin, 20m



- 100179** C-M12F08-08X025PV20,0-MA-100179
- ✓ Features
 - › M12 female plug, 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 20 m
 - › With flying lead
-



- 115114** C-M12F08-08X025PU20,0-MA-115114
- ✓ Features

- › M12 female plug, 8-pin
 - › Straight plug connector
 - › PUR cable
 - › Cable length 20 m
 - › With flying lead
-

▼ Connection cable with plug connector M12, 8-pin, 10m



100178 C-M12F08-08X025PV10,0-MA-100178

▼ Features

- › M12 female plug, 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 10 m
 - › With flying lead
-



115113 C-M12F08-08X025PU10,0-MA-115113

▼ Features

- › M12 female plug, 8-pin
 - › Straight plug connector
 - › PUR cable
 - › Cable length 10 m
 - › With flying lead
-

▼ Connection cable with plug connector M12, 8-pin, 5m



100177 C-M12F08-08X025PV05,0-MA-100177

▼ Features

- › M12 female plug, 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 5 m
 - › With flying lead
-



115112 C-M12F08-08X025PU05,0-MA-115112

▼ Features

- › M12 female plug, 8-pin
 - › Straight plug connector
 - › PUR cable
 - › Cable length 5 m
 - › With flying lead
-

▼ Connection cable with angled plug connector M12, 8-pin, 20m



120998 C-M12F08-08X025PU20,0-MA-120998

▼ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet A (right)
- › PUR cable
- › Cable length 20 m
- › With flying lead



120999 C-M12F08-08X025PU20,0-MA-120999

▼ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet C (left)
- › PUR cable
- › Cable length 20 m
- › With flying lead

▼ Connection cable with angled plug connector M12, 8-pin, 10m



113188 C-M12F08-08X025PU10,0-MA-113188

▼ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet A (right)
- › PUR cable
- › Cable length 10 m
- › With flying lead



113189 C-M12F08-08X025PU10,0-MA-113189

▼ Features

- › M12 female plug, 8-pin
- › Angled plug connector
- › Cable outlet C (left)
- › PUR cable
- › Cable length 10 m
- › With flying lead

▼ Connection cable with angled plug connector M12, 5-pin, 10m



113187 C-M12F05-05X025PU10,0-MA-113187

▼ Features

- › M12 female plug, 5-pin
- › Angled plug connector
- › PUR cable
- › Cable length 10 m
- › Cable exit A (right)
- › With flying lead



113190 C-M12F05-05X025PU10,0-MA-113190

▼ Features

- › M12 female plug, 5-pin
- › Angled plug connector
- › PUR cable
- › Cable length 10 m
- › Cable exit C (left)
- › With flying lead

▼ M12 extension PUR 5-pin, plug connectors at both ends, 10m

115565 C-M12F05-05X025PU10,0-M12M05-115565



✓ Features

- › M12 female plug, 5-pin (angled) to M12 plug connector (straight)
 - › Connectors at both ends
 - › PUR cable
 - › Cable length 10 m
 - › With cable exit A (right)
-



115566 C-M12F05-05X025PU10,0-M12M05-115566

✓ Features

- › M12 female plug, 5-pin (angled) to M12 plug connector (straight)
 - › Connectors at both ends
 - › PUR cable
 - › Cable length 10 m
 - › With cable exit C (left)
-

✓ Connection cable with straight plug connector M12, 5-pin, 30 m



122784 C-M12F05-05X034PU30,0-MA-122784

✓ Features

- › M12 female plug, 5-pin
 - › Straight plug connector
 - › PUR cable
 - › Cable length 30 m
 - › With flying lead
-

✓ Connection cable with straight plug connector M12, 5-pin, 20 m



113682 C-M12F05-05X034PU20,0-MA-113682

✓ Features

- › M12 female plug, 5-pin
 - › Straight plug connector
 - › PUR cable
 - › Cable length 20 m
 - › With flying lead
-

✓ Connection cable with straight plug connector M12, 5-pin, 10m



113640 C-M12F05-05X034PU10,0-MA-113640

✓ Features

- › M12 female plug, 5-pin
 - › Straight plug connector
 - › PUR cable
 - › Cable length 10 m
 - › With flying lead
-

✓ Connection cable with straight plug connector M12, 5-pin, 5m



113620 C-M12F05-05X034PU05,0-MA-113620

✓ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PUR cable

- › Cable length 5 m
- › With flying lead



100183 C-M12F05-05X034PV05,0-MA-100183

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PVC cable
- › Cable length 5 m
- › With flying lead

- ▼ Connection cable with plug connector M12, 5-pin, 10m



100184 C-M12F05-05X034PV10,0-MA-100184

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PVC cable
- › Cable length 10 m
- › With flying lead

- ▼ Connection cable with plug connector M12, 5-pin, 20m



100185 C-M12F05-05X034PV20,0-MA-100185

▼ Features

- › M12 female plug, 5-pin
- › Straight plug connector
- › PVC cable
- › Cable length 20 m
- › With flying lead

- ▼ Connection cable with 2 plug connectors M12, 1m



123430 C-M12M08-08X025PV01,0-M12F08-123430

▼ Features

- › 8-pin M12 male plug, straight
- › 8-pin M12 female connector, straight
- › PVC cable
- › Cable length 1m

- ▼ Connection cable with 2 plug connectors M12, 2m



123431 C-M12M08-08X025PV02,0-M12F08-123431

▼ Features

- › 8-pin M12 male plug, straight
- › 8-pin M12 female connector, straight
- › PVC cable
- › Cable length 2m

- ▼ Connection cable with 2 plug connectors M12, 5m



123432 C-M12M08-08X025PV05,0-M12F08-123432

▼ Features

- › 8-pin M12 male plug, straight
 - › 8-pin M12 female connector, straight
 - › PVC cable
 - › Cable length 5m
-

▼ Connection cable with 2 plug connectors M12, 10m



123433 C-M12M08-08X025PV10,0-M12F08-123433

▼ Features

- › 8-pin M12 male plug, straight
 - › 8-pin M12 female connector, straight
 - › PVC cable
 - › Cable length 10m
-

▼ Bridging plug M12



097645 BRUECKEN-STECKER

▼ Features

- › Bridging plug
 - › M12 male plug, 4-pin
-

▼ Y-distributor M12 with connection cable



111696 Y-VERTEILER M12 MIT ANSCHLUSSKABEL

▼ Features

- › Y-distributor M12 with connection cable, 2 x 5-pin, 1 x 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 0.2 m
-



112395 Y-VERTEILER M12 MIT 1M KABEL

▼ Features

- › Y-distributor M12 with connection cable, 2 x 5-pin, 1 x 8-pin
 - › Straight plug connector
 - › PVC cable
 - › Cable length 1 m
-

Bolts

▼ Bolts for safety switches series CTP



123653 RIEGEL CTP-AC-123653

▼ Features

- › Steel bolt
 - › For doors hinged on right and left
 - › Can be locked in open position with padlocks
 - › Actuator included
-

▼ Bolt BTC-CTP-S for safety switch CTP



123659 BTC-CTP-S-TH-00-X

▼ Features

- › Aluminum bolt
- › For doors hinged on the left or right
- › Can be locked in open position with padlocks
- › Actuator included

▼ Bolt CTP-GFK for safety switch CTP



123657 RIEGEL CTP-GFK

▼ Features

- › Fiber glass reinforced plastic bolt
- › For doors hinged on the left or right
- › Can be locked in open position with padlocks
- › Actuator included

Instructions

▼ Bezpečnostní informace CTP (-AR/-AP)

| | Doc. no. | Version | Language | Download |
|--|----------|----------|----------|----------|
| Sicherheitsinformation CTP (-AR/-AP) | 2138087 | 02-11/17 | | 0.7 MB |
| Información de seguridad CTP (-AR/-AP) | | | | |
| Information de sécurité CTP (-AR/-AP) | | | | |
| Informazioni sulla sicurezza CTP (-AR/-AP) | | | | |
| Safety Information CTP (-AR/-AP) | | | | |
| Bezpečnostní informace CTP (-AR/-AP) | 2138087 | 02-11/17 | | 0.2 MB |
| 安全情報 CTP (-AR/-AP) | 2138087 | 02-11/17 | | 0.3 MB |
| Informação de segurança CTP (-AR/-AP) | 2138087 | 02-11/17 | | 0.2 MB |
| Информация о безопасности CTP (-AR/-AP) | 2138087 | 02-11/17 | | 0.3 MB |
| Güvenlik bilgisi CTP (-AR/-AP) | 2138087 | 02-11/17 | | 0.3 MB |
| 安全信息 CTP (-AR/-AP) | 2138087 | 02-11/17 | | 0.3 MB |

▼ 操作指示書トランスポンダー型コード化安全スイッチ ガードロック内蔵CTP-AR ユニコード/マルチコード

| | Doc. no. | Version | Language | Download |
|--|----------|----------|----------|----------|
| Betriebsanleitung Transpondercodierter Sicherheitsschalter mit Zuhaltung CTP-AR Uni-/Multicode | 2123041 | 06-05/18 | | 4.5 MB |
| Mode d'emploi Interrupteur de sécurité à codage par transpondeur avec interverrouillage CTP-AR uni-/multicode | 2123041 | 06-05/18 | | 4.5 MB |
| Manual de instrucciones Interruptor de seguridad con codificación por transponder con bloqueo CTP-AR Unicode/Multicode | 2123041 | 06-05/18 | | 4.5 MB |

| | | | | |
|--|---------|----------|--|--------|
| 操作指示書トランスポンダー型コード化安全スイッチ ガードロック内蔵CTP-AR ユニコード/マルチコード | 2123041 | 06-05/18 | | 4.8 MB |
| Návod k použití Bezpečnostní spínač s kódovaným transpondérem CTP-AR Unicode/Multicode | 2123041 | 06-05/18 | | 4.7 MB |
| Operating instructions Transponder-Coded Safety Switch With Guard Locking CTP-AR Unicode/Multicode | 2123041 | 06-05/18 | | 4.5 MB |
| Istruzioni di impiego Finecorsa di sicurezza con codifica a transponder con meccanismo di ritenuta CTP-AR Uni-/Multicode | 2123041 | 06-05/18 | | 4.5 MB |

Catalogs

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| ▼ Transpondercodierter Sicherheitsschalter CTP mit Zuhaltung transponder-coded safety switch CTP with guard locking Interrupteur de sécurité à codage par transpondeur CTP avec interverrouillage Interruptor de seguridad CTP codifi cado por transponder con bloqueo Finecorsa di sicurezza con codifi ca a transponder CTP con meccanismo di ritenuta Kilitli RFID kodlu emniyet salteri CTP Chave de segurança codifi cada por transponder CTP com bloqueio Bezpečnostní spínac CTP s kódovaným transpondérem a jištením ochranného krytu 带锁定功能的 CTP应答式编码 安全开关 | | | | |
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| Interruptor de seguridad CTP codifi cado por transponder con bloqueo | 123246 | 12-02/18 | | 2.3 MB |
| transponder-coded safety switch CTP with guard locking | 123244 | 12-02/18 | | 2.3 MB |
| Finecorsa di sicurezza con codifi ca a transponder CTP con meccanismo di ritenuta | 126042 | 12-02/18 | | 2.3 MB |
| Kilitli RFID kodlu emniyet salteri CTP | 126076 | 12-02/18 | | 2.4 MB |
| Chave de segurança codifi cada por transponder CTP com bloqueio | 126214 | 12-02/18 | | 2.3 MB |
| Bezpečnostní spínac CTP s kódovaným transpondérem a jištením ochranného krytu | 126604 | 12-02/18 | | 2.3 MB |
| 带锁定功能的 CTP应答式编码 安全开关 | 158439 | 12-02/18 | | 2.4 MB |





▼ Transpondercodierte Sicherheitsschalter - Verriegelungseinrichtungen und Zuhaltungen Transponder-coded safety switches - Interlocking devices and guard locking devices Interruptores de seguridad con codificación por transponder - Dispositivos de enclavamiento y bloqueos Interrupteurs de sécurité à codage par transpondeur - Dispositifs de verrouillage et interverrouillages

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| Interrupteurs de sécurité à codage par transpondeur - Dispositifs de verrouillage et interverrouillages | 137558 | 02-01/18 |  |  5.2 MB |
| Interruptores de seguridad con codificación por transponder - Dispositivos de enclavamiento y bloqueos | 137560 | 02-01/18 |  |  5.2 MB |
| Transponder-coded safety switches - Interlocking devices and guard locking devices | 127595 | 02-01/18 |  |  5.1 MB |

Application example

Anschluss CTP-L1..-AR an Siemens ET 200S







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| Anschluss CTP-L1..-AR an Siemens ET 200S | AP000211 | 02-03/16 |  |  0.4 MB |
| Connection of CTP-L1..-AR to Siemens ET 200S | AP000211 | 02-03/16 |  |  0.4 MB |

Anschluss CTP-L1..-AR in Reihe an Siemens ET 200S

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| Anschluss CTP-L1..-AR in Reihe an Siemens ET 200S | AP000212 | 02-03/16 |  |  0.4 MB |
| Connection of serial wired CTP-L1..-AR to Siemens ET 200S | AP000212 | 02-03/16 |  |  0.5 MB |

Declaration of conformity

EU-Konformitätserklärung

| | Doc. no. | Version | Language | Download |
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| EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity | 2123042 | 04-01/17 |      |  0.3 MB |

CAD data

CAD data for this item on TraceParts