

## ITEM 123371 CTP-L2-AP-M-HA-AZ-SH-123371

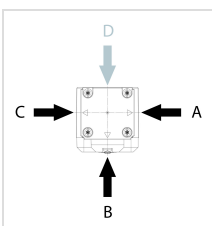
| Description | Technical data | Accessories | Downloads |
|-------------|----------------|-------------|-----------|
|-------------|----------------|-------------|-----------|



### Features

- › Safety switch with guard locking and integrated evaluation electronics
- › Short circuit monitoring
- › 2 safety outputs (semiconductor outputs)
- › Up to category 4/PL e according to EN ISO 13849-1
- › With plug connector M23
- › Multicode
- › Door monitoring output
- › Approach direction A, B and C (default setting on delivery)

### Approach direction



- › Figure  
Horizontal  
Can be adjusted in 90° steps

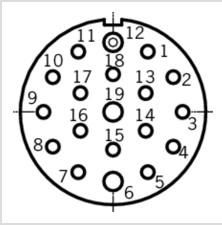


## Multicode evaluation

Every suitable actuator is detected by the switch.

## Guard locking type

**CTP-L2** Guard locking actuated by power-ON applied and spring released (open-circuit current principle).

## Connector assignment

| Plug connector<br>(view of<br>connection side)                                    | Pin | Designation | Function   | Conductor<br>coloring of<br>connection<br>cable |
|---|-----|-------------|--|---|
|  | 1   | IMP         | Operating voltage of guard locking solenoid, 24 V DC   | VT  |
|   | 2   | -           | n.c.   | RD  |
|   | 3   | -           | n.c.   | GY  |
|   | 4   | FO1A        | Safety output, channel 1    | RD/BU   |
|   | 5   | FO1B        | Safety output, channel 2  | GN  |
|   | 6   | UB          | Operating voltage of AP electronics, 24 V DC   | BU  |
|   | 7   | RST         | Reset input  | GY/PK   |
|   | 8   | OD          | Door monitoring output   | GN/WH   |
|   | 9   | OI          | Diagnostics output   | YE/WH   |
|   | 10  | OL          | Guard locking monitoring output  | GY/WH   |
|   | 11  | -           | n.c.   | BK  |
|   | 12  | FE          | Function earth (must be connected to meet the EMC requirements)  | GN/YE   |
|   | 13  | -           | n.c.   | PK  |
|   | 14  | -           | n.c.   | BN/GY   |
|   | 15  | -           | n.c.   | BN/YE   |
|   | 16  | -           | n.c.   | BN/GN   |
|   | 17  | -           | n.c.   | WH  |
|   | 18  | IMM         | Operating voltage of guard locking solenoid 0 V  | YE  |

| Plug connector<br>(view of<br>connection side) | Pin | Designation | Function                                    | Conductor<br>coloring of<br>connection<br>cable |
|--|-----|-------------|---|---|
|  | 19  | 0 V UB      | Operating voltage of<br>AP electronics, 0 V | BN  |

## 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 <b>[1]</b>                      |
| Resilience to vibration |                       | In acc. with EN IEC 60947-5-3        |
| Mechanical life         |                       | $1 \times 10^6$                      |
| Installation position   |                       | Any                                  |
| Ready delay             |                       | max.1 s                              |
| Switching frequency     |                       | max.0,5 Hz                           |
| Connection              |                       | 1 plug connector M23, 19-pin, RC18   |
| Approach speed          |                       | 20 m/min                             |
| Guard locking principle |                       | Open-circuit current principle       |
| Locking force $F_{max}$ |                       | 3900 N                               |
| Locking force $F_{Zh}$  |                       | 3000 N <b>[2]</b>                    |
| Retention force         |                       | 20 N                                 |
| Extraction force        |                       | 20 N                                 |
| Actuating force         |                       | 10 N                                 |
| Overtravel              |                       | 5 mm                                 |

## Electrical connection ratings

|                      |          |   |
|----------------------|----------|---|
| Test-pulse interval  |          | min.100 ms  |
| Test pulses          |          | max.0,3 ms <b>[3]</b>   |
| Operating voltage DC |          |   |
|                      | $U_{UB}$ | 24 V DC -15% ... 15% Reverse polarity protected,<br>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 <sup>[4]</sup>  |
| 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   |
| Switching load  |                 |   |
|   | According to UL | 24V DC, class 2 <sup>[5]</sup>  |
|   |                 | <b>Safety outputs FO1A / FO1B</b>   |
| 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   |
|   |                 | <b>Monitoring output OL</b>   |
| Type of output  |                 | p-switching, short circuit-proof  |
| Switching current   |                 | 1 ... 50 mA   |
| Output voltage  |                 | $0,8 \times U_B \dots U_B$ V DC   |
|   |                 | <b>Monitoring output OD</b>   |
| Type of output  |                 | p-switching, short circuit-proof  |
| Switching current   |                 | 1 ... 50 mA   |
| Output voltage  |                 | $0,8 \times U_B \dots U_B$ V DC   |
|   |                 | <b>Monitoring output OI</b>   |
| Type of output  |                 | p-switching, short circuit-proof  |
| Switching current   |                 | 1 ... 50 mA   |
| Output voltage  |                 | $0,8 \times U_B \dots U_B$ 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 <sub>D</sub>  | $4.1 \times 10^{-9}$ |
| Mission time      | 20 y                 |

[1] Screwed tight plug connector/mating component

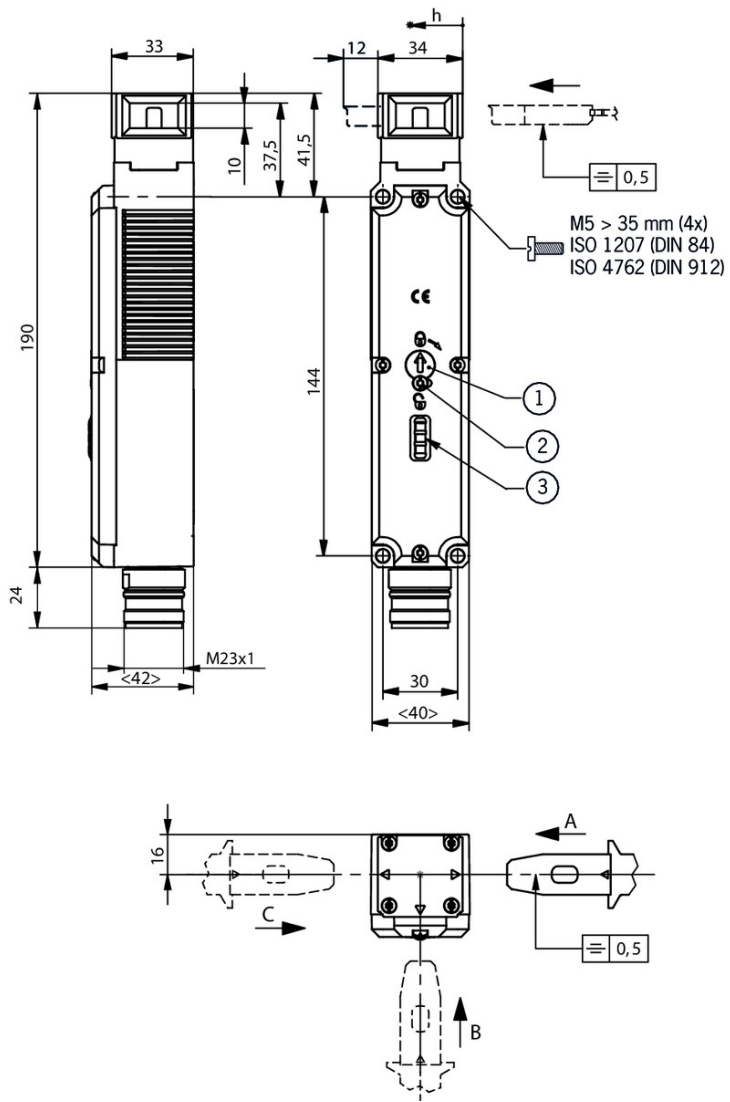
[2]  $F_{zh} = F_{max}/1.3$  Depending on the actuator used

[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

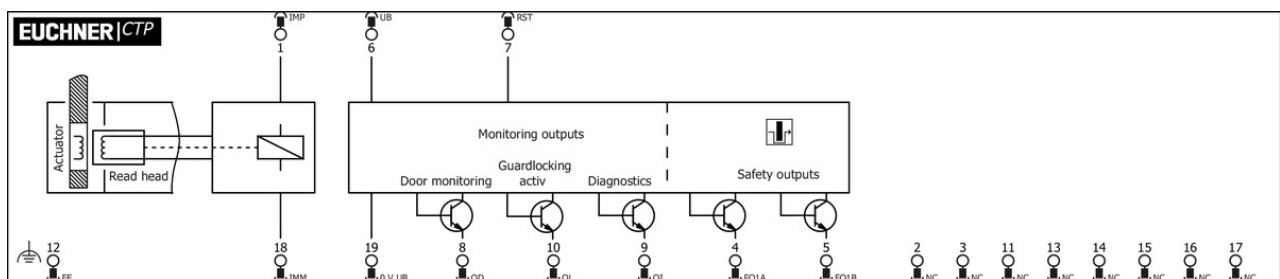
## Dimension drawing



## Legende

- 1 Auxiliary release
- 2 Locking screw
- 3 LEDs

## Wiring diagram



Actuator

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▼ 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

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▼ 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

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▼ Straight actuator for safety switch CTP



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

▼ Features

- › Straight actuator
- › Two safety screws included

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## Function expansion

▼ Lockout mechanism CTP



**123411** AE-L-C-H-123411

▼ Features

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

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



**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



**084177** SCHLOSS TP VERSCHIEDENSCHLIESSEND

▼ Features

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

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



**103110** ENTRIEGELUNG RUECKSTELLEND TP/STP

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▼ Emergency unlocking for safety switches CTP/TP/STP



**099877** NOTENTSPERRUNG TP/STP

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▼ Wire front release



**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)



**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)

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**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)



**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)



**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



**124204** AY-HDL-124204

✓ Features

- › Suitable for all wire front releases



**099795** AY-HDL-099795

✓ 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-B2 for actuators for safety switches CTP, TP...A, STA, STP, TX and TZ



**093458** EMP-B2

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



**093457** EMP-B1

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▼ Mounting plates AM-P for safety switches CTP



**126026** AM-P-126026

▼ Features

- › For vertical and horizontal mounting of safety switch CTP
- 

## Connection material

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▼ Connection cable with plug connector M23 with option C1825, 6m, straight



**077014** C-M23F19-19XDIFPU06,0-MA-077014

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 6 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 8m, straight



**077015** C-M23F19-19XDIFPU08,0-MA-077015

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 8 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 3m, straight



**092816** C-M23F19-19XDIFPU03,0-MA-092816

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 3 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 10m, straight



**092898** C-M23F19-19XDIFPU10,0-MA-092898

▼ Features

- › M23 plug connector, 18-pin + PE
- › Straight plug connector

- › PUR cable
  - › Cable length 10 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 1.5m, straight



**092761** C-M23F19-19XDIFPU01,5-MA-092761

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 1.5 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 1.5m, angled



**092907** C-M23F19-19XDIFPU01,5-MA-092907

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Angled plug connector
  - › Cable exit A (right)
  - › PUR cable
  - › Cable length 1.5 m
  - › With flying lead
  - › Cores color-coded
- 



**092906** C-M23F19-19XDIFPU01,5-MA-092906

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Angled plug connector
  - › Cable exit C (left)
  - › PUR cable
  - › Cable length 1.5 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 3m, angled



**092909** C-M23F19-19XDIFPU03,0-MA-092909

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Angled plug connector
  - › Cable exit A (right)
  - › PUR cable
  - › Cable length 3 m
  - › With flying lead
  - › Cores color-coded
- 



**092908** C-M23F19-19XDIFPU03,0-MA-092908

▼ Features

- › M23 plug connector, 18-pin + PE

- › Angled plug connector
  - › Cable exit C (left)
  - › PUR cable
  - › Cable length 3 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 40m, straight



**102490** C-M23F19-19XDIFPU40,0-MA-102490

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 40 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 30m, straight



**095993** C-M23F19-19XDIFPU30,0-MA-095993

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 30 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 25m, straight



**092727** C-M23F19-19XDIFPU25,0-MA-092727

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 25 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 15m, straight



**077016** C-M23F19-19XDIFPU15,0-MA-077016

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Straight plug connector
  - › PUR cable
  - › Cable length 15 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 20m, angled



**092910** C-M23F19-19XDIFPU20,0-MA-092910

▣ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit C (left)
- › PUR cable
- › Cable length 20 m
- › With flying lead
- › Cores color-coded



**092911** C-M23F19-19XDIFPU20,0-MA-092911

▣ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit A (right)
- › PUR cable
- › Cable length 20 m
- › With flying lead
- › Cores color-coded

▣ Connection cable with plug connector M23 with option C1825, 25m, angled



**092912** C-M23F19-19XDIFPU25,0-MA-092912

▣ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit C (left)
- › PUR cable
- › Cable length 25 m
- › With flying lead
- › Cores color-coded



**092913** C-M23F19-19XDIFPU25,0-MA-092913

▣ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit A (right)
- › PUR cable
- › Cable length 25 m
- › With flying lead
- › Cores color-coded

▣ Connection cable with plug connector M23 with option C1825, 15m, angled



**077020** C-M23F19-19XDIFPU15,0-MA-077020

▣ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit C (left)
- › PUR cable
- › Cable length 15 m
- › With flying lead
- › Cores color-coded



**085196** C-M23F19-19XDIFPU15,0-MA-085196

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Angled plug connector
  - › Cable exit A (right)
  - › PUR cable
  - › Cable length 15 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 10m, angled



**092901** C-M23F19-19XDIFPU10,0-MA-092901

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Angled plug connector
  - › Cable exit C (left)
  - › PUR cable
  - › Cable length 10 m
  - › With flying lead
  - › Cores color-coded
- 



**092902** C-M23F19-19XDIFPU10,0-MA-092902

▼ Features

- › M23 plug connector, 18-pin + PE
  - › Angled plug connector
  - › Cable exit A (right)
  - › PUR cable
  - › Cable length 10 m
  - › With flying lead
  - › Cores color-coded
- 

▼ Connection cable with plug connector M23 with option C1825, 8m, angled



**077019** C-M23F19-19XDIFPU08,0-MA-077019

▼ Features

- › RC18 plug connector, 18-pin + PE
  - › Angled plug connector
  - › Cable exit C (left)
  - › PUR cable
  - › Cable length 8 m
  - › With flying lead
  - › Cores color-coded
- 



**085195** C-M23F19-19XDIFPU08,0-MA-085195

▼ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit A (right)
- › PUR cable
- › Cable length 8 m
- › With flying lead
- › Cores color-coded

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▼ Connection cable with plug connector M23 with option C1825, 6m, angled



**077018** C-M23F19-19XDIFPU06,0-MA-077018

▼ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit C (left)
- › PUR cable
- › Cable length 6 m
- › With flying lead
- › Cores color-coded



**085194** C-M23F19-19XDIFPU06,0-MA-085194

▼ Features

- › M23 plug connector, 18-pin + PE
- › Angled plug connector
- › Cable exit A (right)
- › PUR cable
- › Cable length 6 m
- › With flying lead
- › Cores color-coded

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▼ Connection cable with plug connector M23 with option C1825, 20m, straight



**092726** C-M23F19-19XDIFPU20,0-MA-092726

▼ Features

- › M23 plug connector, 18-pin + PE
- › Straight plug connector
- › PUR cable
- › Cable length 20 m
- › With flying lead
- › Cores color-coded

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▼ Replacement crimp contacts for female connector RC18 with option C1825

**094310** CRIMPKONTAKT BUCHSE RCF-C1825

▼ Features

- › 19 crimp sockets
- › Conductor cross-section 16 x 0.25 - 0.5 mm<sup>2</sup> and 3 x 0.75 - 1 mm<sup>2</sup>
- › For plug connector RC18..C1825

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▼ Female connector RC18 angled with option C1825



**077026** RC18WF-C1825

▼ Features

- › Plug connector M23, angled
- › Number of pins: 19-pin with screen bonding clamp

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▼ Female plug RC18 straight with option C1825

**077025** RC18EF-C1825



- ▼ Features
    - › Plug connector M23, straight
    - › Number of pins: 19-pin with screen bonding clamp
- 

- ▼ Replacement crimp contacts for female connector RC18

**094309** CRIMPKONTAKT BUCHSE RCF

- ▼ Features
    - › 19 crimp sockets
    - › Conductor cross-section 19 x 0.75 - 1 mm<sup>2</sup>
    - › For plug connector RC18
- 

- ▼ Female plug RC18 angled



**074617** RC18WF

- ▼ Features
    - › Plug connector M23, angled
    - › Number of pins: 19-pin with screen bonding clamp
- 

- ▼ Female plug RC18 straight



**074616** RC18EF

- ▼ Features
    - › Plug connector M23, straight
    - › Number of pins: 19-pin with screen bonding clamp
- 

## Bolt

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- ▼ 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 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
- 

- ▼ 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

## 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-AP ユニコード/マルチコード

|  | Doc. no. | Version  | Language | Download |
|--|----------|----------|----------|----------|
| Betriebsanleitung Transpondercodierter Sicherheitsschalter mit Zuhaltung CTP-AP Uni-/Multicode                           | 2124217  | 05-05/18 |          | 4.2 MB   |
| Mode d'emploi Interrupteur de sécurité à codage par transpondeur avec interverrouillage CTP-AP uni-/multicode            | 2124217  | 05-05/18 |          | 4.2 MB   |
| Manual de instrucciones Interruptor de seguridad con codificación por transponder con bloqueo CTP-AP Unicode/Multicode   | 2124217  | 05-05/18 |          | 4.2 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-AP ユニコード/マルチコード   | 2124217  | 05-05/18 |          | 4.5 MB   |
| Návod k použití Bezpečnostní spínač s kódovaným transpondérem CTP-AP Unicode/Multicode                                   | 2124217  | 05-05/18 |          | 4.4 MB   |
| Operating instructions Transponder-Coded Safety Switch With Guard Locking CTP-AP Unicode/Multicode                       | 2124217  | 05-05/18 |          | 4.2 MB   |
| Istruzioni di impiego Finecorsa di sicurezza con codifica a transponder con meccanismo di ritenuta CTP-AP Uni-/Multicode | 2124217  | 05-05/18 |          | 4.2 MB   |

## Catalogs

▼ ガード・ロック付き トランスポンダー・コード化 安全スイッチCTP

|                                   | Doc. no. | Version  | Language | Download |
|-----------------------------------|----------|----------|----------|----------|
| ガード・ロック付き トランスポンダー・コード化 安全スイッチCTP | 136411   | 09-03/16 |          | 1.8 MB   |

▼ 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 codificado por transponder con bloqueo Finecorsa di sicurezza con codifica a transponder CTP con meccanismo di ritenuta Kilitli RFID kodlu emniyet salteri CTP Chave de segurança codificada por transponder CTP com bloqueio Bezpečnostní spínač CTP s kódovaným transpondérem a jištěním ochranného krytu 带锁定功能的 CTP应答式编码 安全开关







|  | Doc. no. | Version  | Language | Download |
|--|----------|----------|----------|----------|
| Transpondercodierter Sicherheitsschalter CTP mit Zuhaltung                       | 123243   | 12-02/18 |          | 2.3 MB   |
| Interrupteur de sécurité à codage par transpondeur CTP avec interverrouillage    | 123245   | 12-02/18 |          | 2.3 MB   |
| Interruptor de seguridad CTP codificado 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 codifica 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 codificada por transponder CTP com bloqueio                   | 126214   | 12-02/18 |          | 2.3 MB   |
| Bezpečnostní spínač CTP s kódovaným transpondérem a jištěním 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

|   | Doc. no. | Version  | Language | Download |
|---|----------|----------|----------|----------|
| Transpondercodierte Sicherheitsschalter - Verriegelungseinrichtungen und Zuhaltungen                    | 127594   | 02-01/18 |          | 5.2 MB   |
| 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   |

**Declaration of conformity**

▼ EU-Konformitätserklärung

|                               | <b>Doc. no.</b> | <b>Version</b> | <b>Language</b>   | <b>Download</b>  |
|-------------------------------|-----------------|----------------|---|--|
| EU-Konformitätserklärung      | 2123042         | 06-08/18       |  |  0.4 MB |
| EU declaration of conformity  |                 |                |  |  |
| Declaración UE de conformidad |                 |                |  |  |
| Déclaration UE de conformité  |                 |                |  |  |
| Dichiarazione di conformità   |                 |                |  |  |

### **CAD data**

CAD data for this item on TraceParts