

## ITEM 114647 CET3-AR-CDA-AH-50F-SH-114647

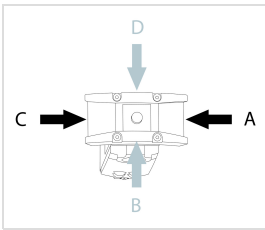
Description	Technical data	Accessories	Downloads
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### Features

- › Safety switch with guard locking and integrated evaluation electronics
- › Locking force up to 6500 N
- › 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 plug connector M23 (RC18)
- › Unicode
- › Door monitoring output
- › Teach-in input
- › Escape release, 75 mm long
- › With double ramp
- › Approach direction A and C (default setting on delivery)

### Approach direction



► Figure  
Horizontal  
Can be adjusted in 90° steps

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### Safety switch

The device may be operated only in conjunction with the actuator CET-A-....  
**Important:** The actuator must be ordered separately.

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### 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.

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### Solenoid operating voltage

► DC 24 V +10% -15%

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### Guard locking type

**CET3 Closed-circuit current principle**, guard locking by spring force.  
Release by applying voltage to the guard locking solenoid. The door position is also monitored. The door monitoring output OUT D is set to HIGH as soon as the actuator is above the extended plunger (state: door closed, guard locking not active). The output OUT D remains set also with guard locking active.

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### LED function display

**LED State** Status LED  
**LED DIA** Diagnostic LED  
**LED 1 rd** freely configurable  
**LED 2 gn** freely configurable

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### Additional connections

**OUT** Monitoring output (semiconductor)  
**OUT D** Door monitoring output  
**RST** Reset input  
**J** Teach-in input

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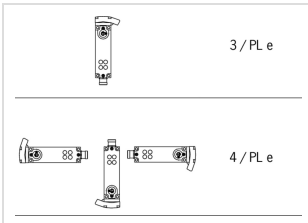
### Category according to EN ISO 13849-1

Due to two redundantly designed semiconductor outputs (safety outputs) with internal monitoring suitable for:

► Category 4/PL e according to EN ISO 13849-1

**Important:** To achieve the stated category in accordance with EN ISO 13849-1, both safety outputs (OA and OB) must be evaluated.

The category is dependent on the installation position of the safety switch:



► Figure

## Escape release

This is used for manual release of guard locking from the danger zone without tools.

## Approvals



## Mechanical values and environment

Housing material		
	Slide	Stainless steel
	Safety switch housing	Die-cast aluminum
Weight		
	Net	1 kg
Ambient temperature		
	At $U_B = 24V DC$	-20 ... 55 °C
Degree of protection		IP65/IP67 <b>[1]</b>
Resilience to vibration		In acc. with EN IEC 60947-5-2
Mechanical life		$1 \times 10^6$
Installation position		Any <b>[2]</b>
Degree of freedom		
	Z	$\pm 4$ mm
	Y	$\pm 5$ mm
	X	$\pm 5$ mm
Ready delay		10 s
Switching frequency		max.0,5 Hz
Connection		1 plug connector M23, 19-pin, RC18
Approach speed		20 m/min
Guard locking principle		Closed-circuit current principle
Locking force $F_{max}$		6500 N
Locking force $F_{Zh}$		5000 N $F_{ZH} = F_{MAX}/1.3$

## Electrical connection ratings

Operating voltage DC	U <sub>B</sub>	24 V DC -15% ... 15% Reverse polarity protected, regulated, residual ripple < 5%, PELV
	LED	24 V DC -15% ... 10%
Current consumption	I <sub>B</sub>	80 mA
	I <sub>CM</sub>	480 mA
Utilization category according to EN 60947-5-2	DC-13	24V 200mA [3]
Solenoid operating voltage DC	U <sub>CM</sub>	24 V DC -15% ... +10% Reverse polarity protected, regulated, residual ripple < 5%, PELV
Fusing		
External (operating voltage U <sub>B</sub> )		0,25 ... 2 A
External (solenoid operating voltage U <sub>CM</sub> )		0,5 ... 8 A
Power consumption	Solenoid	max.12 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
Connecting cable		30V DC, 2A [4]
Safety class	EN IEC 61140	III
Switching load	According to UL	24V DC, class 2 [5]
<b>Safety outputs OA/OB</b>		
Type of output		2 semiconductor outputs, p-switching, short circuit-proof
Switching current	Per safety output OA / OB	1 ... 200 mA
Output voltage	High U(OA) / U(OB)	U <sub>B</sub> -1,5V ... U <sub>B</sub> V DC
	Low U(OA) / U(OB)	0 ... 1 V DC
Off-state current I <sub>r</sub>		max.0,25 mA
Risk time according to EN 60947-5-3	Single device	max.400 ms
	Delay per device	5 ms
Switch-on time		400 ms
Discrepancy time	Both safety outputs	max.10 ms
<b>Monitoring output OUT</b>		
Type of output		p-switching, short circuit-proof
Switching current	OUT	1 ... 50 mA
Output voltage		

	OUT	0,8xUB ... UB V DC
Switching delay from state change		max.400 ms
		<b>Monitoring output OUT D</b>
Type of output		p-switching, short circuit-proof
Switching current		
	OUT D	1 ... 50 mA
Output voltage		
	OUT D	0,8xUB ... UB V DC
Switching delay from state change		max.700 ms
		<b>Teach-in input</b>
Input voltage		
	High	15 ... 27,6 V DC
	Low	0 ... 1 V DC

### Operating distance

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

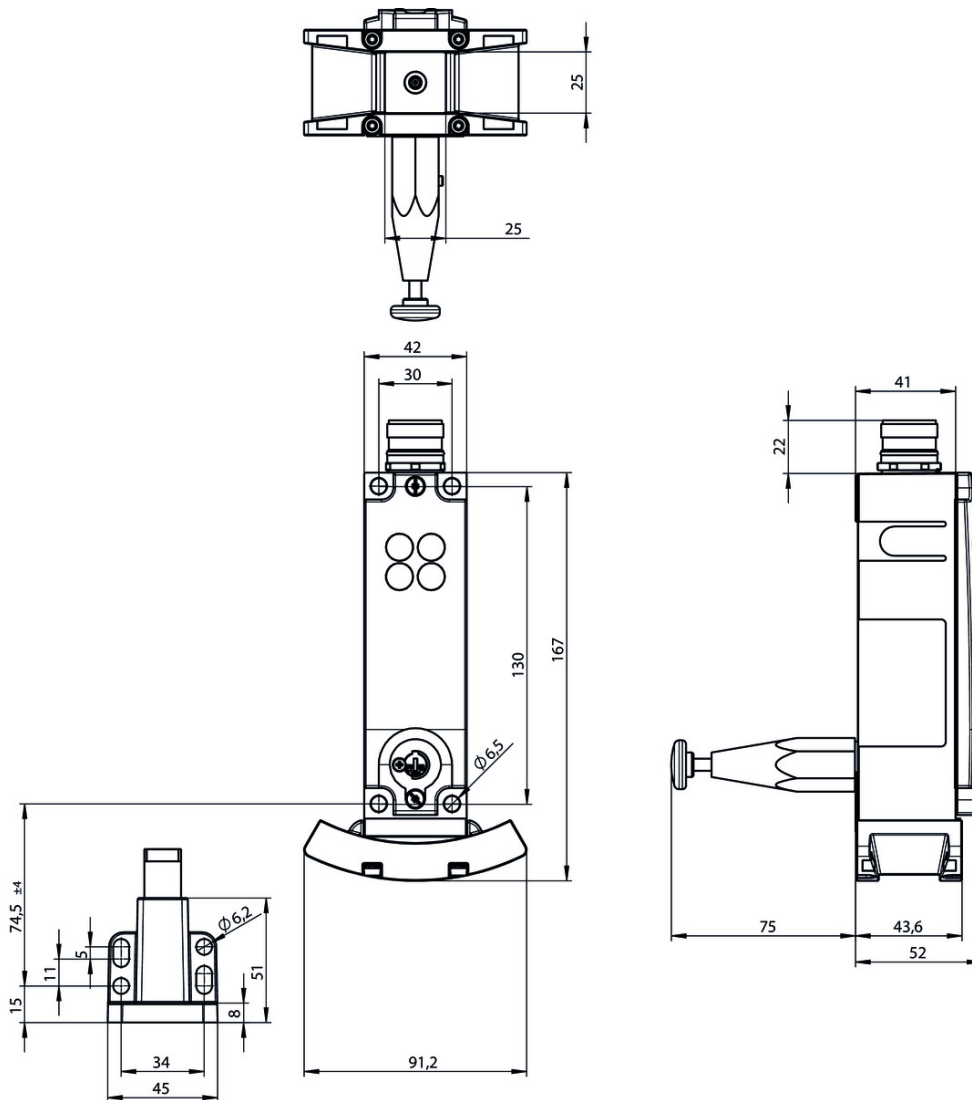
For the approval according to UL the following applies	Operation only with UL class 2 power supply, or equivalent measures see operating instructions
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### Reliability values acc. to EN ISO 13849-1

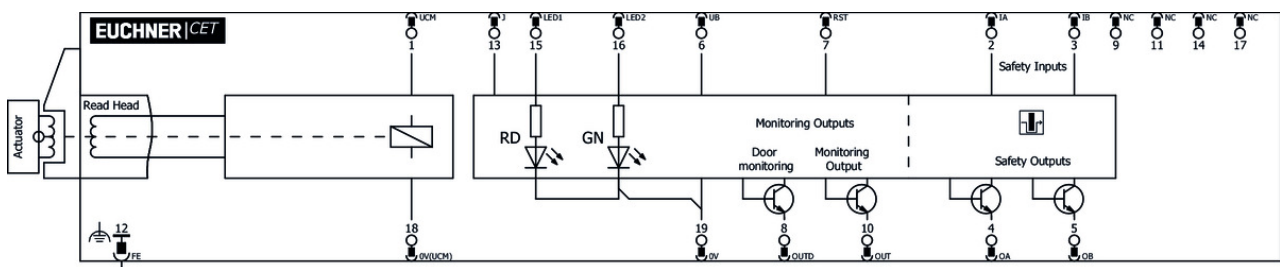
		<b>Monitoring of guard locking and the safety guard position</b>
Category		
	Head upward	3
	Head downward or horizontal	4
Performance Level		PL e
PFH <sub>D</sub>		
	Head upward	$4.29 \times 10^{-8}$
	Head downward or horizontal	$3.1 \times 10^{-9}$
		<b>Control of the guard locking</b>
Category		Depending on external control of guard locking
Performance Level		Depending on external control of guard locking
PFH <sub>D</sub>		Depending on external control of guard locking
Mission time		20 y

- [1] Screwed tight plug connector/mating component
- [2] Preferably head downward
- [3] Caution: outputs must be protected with a free-wheeling diode in case of inductive loads
- [4] For UL requirement UL category code (CYJV2/CYJV8) or (CYJV/CYJV7)
- [5] For alternatives see operating instructions

**Dimension drawing**



**Block diagram**



Actuator

▼ Actuator CET-A-BWK-50X



**096327** CET-A-BWK-50X

▼ Features

- › Actuator for read head/safety switch CET
  - › Four safety screws M5x16 included
- 

## Mounting accessories

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▼ Mounting plate EMP-L... for CET read head/switches



**106695** EMP-L-CET

▼ Features

- › Mounting plate for CET read heads/switches
  - › For hinged or sliding doors
  - › Suitable for aluminum profiles 40 ... 45 mm
  - › Horizontal and vertical mounting
  - › Suitable for CET with escape release
- 

▼ Mounting plate EM-P switch for safety switch CET



**126399** AM-P-126399

▼ Features

- › Mounting plate for CET read heads/switches
  - › Direct mounting on aluminum profiles of width 30/40/50 mm
  - › Suitable for the mounting plates AM-P-126400 and AM-P-126398
- 

▼ Mounting plate EM-P actuator for safety switch CET



**126400** AM-P-126400

▼ Features

- › Mounting plate for CET actuator
  - › Suitable for mounting on aluminum profiles of width 30/40/50 mm
  - › Suitable for the mounting plates AM-P-126399 and AM-P-126398
- 

▼ Mounting plate EM-P handle for safety switch CET



**126398** AM-P-126398

▼ Features

- › Mounting plate with handle (handle included)
  - › For hinged or sliding doors
  - › Horizontal and vertical assembly circuits possible
  - › Suitable for aluminum profiles of width 30/40/50 mm
  - › Suitable for the CET mounting plates AM-P-126399 and AM-P-126400
- 

▼ Mounting plate EMP-B... for actuator CET



**106694** EMP-B-CET

▼ Features

- › Mounting plate for actuator CET for hinged or sliding doors
- › Suitable for aluminum profiles 40 ... 45 mm

- › Horizontal and vertical mounting
  - › Made of aluminum
- 

## Function expansion

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### ▼ Mechanical key release for CET read head/switch



#### **098850** SCHLUESSEL-HILFSENTRIEGELUNG

##### ▼ Features

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

### ▼ Emergency unlocking for CET



#### **103714** NOTENTSPERRUNG CET

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### ▼ Teach-in adapter for CET 1/3



#### **122748** AC-TA-A1-SH-122748

##### ▼ Features

- › Teach-in adapter
  - › Optional accessories for teaching-in a new actuator for safety switch with M23 plug connector.
- 

### ▼ Cover for actuator CET



#### **124979** AM-C-124979

##### ▼ Features

- › Cover for actuator CET
  - › Horizontal and vertical fastening option on the actuator
  - › Mounting using 4 screws M5x16 (included with the actuator)
  - › Not suitable in combination with lockout bar for actuator CET
- 

### ▼ Lockout mechanism for CET actuator



#### **122609** AE-L-CET-122609

##### ▼ Features

- › Prevents unintentional closing of the door
  - › Can be secured with padlocks
  - › Not suitable in combination with cover AM-C for actuator CET
- 



#### **156429** AE-L-CET-156429

##### ▼ Features

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

### ▼ Extension of the escape release CET





### **127377** AF-E-80-127377

#### ✓ Features

- › Extension of the CET escape release by 30, 50 or 80 mm
- 

#### ✓ Holder for lockout mechanism CET actuator



### **156338** Y-CHN-A1-156338

#### ✓ Features

- › Holder (incl. wire rope) for lockout bar CET
- 

#### ✓ Lockout bar and holder for CET actuators



### **155865** AE-SET-LCHN-A1-155865

#### ✓ Features

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

## Bolt

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#### ✓ Bolt CET-A-C/F with escape release



### **106172** RIEGEL CET-A-C/F

#### ✓ Features

- › Steel bolt
  - › For doors hinged on the left or right
  - › In combination with CET with escape release
  - › Detent knob in open position
  - › Can be locked in open position with padlocks
- 



### **106350** RIEGEL CET-A-C/F-C2282

#### ✓ Features

- › Steel bolt
  - › Stainless steel guide strip
  - › For left or right hinged doors
  - › In combination with CET with escape release
  - › Detent knob in open position
  - › Can be locked in open position with padlocks
- 

## Connection material

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#### ✓ 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, 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, 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, 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
- 

- ▼ 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, 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, 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, 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, 1.5m, angled



**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
- 



**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
- 

▼ 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, 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, 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, 3m, angled



**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



**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

▣ 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

▣ 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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▼ Female plug RC18 straight



**074616** RC18EF

▼ Features

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

▼ Female plug RC18 angled



**074617** RC18WF

▼ Features

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

▼ Female connector RC18 angled with option C1825



**077026** RC18WF-C1825

▼ Features

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

▼ Female plug RC18 straight with option C1825



**077025** RC18EF-C1825

▼ Features

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

▼ 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
- 

## Instructions

▼ Bezpečnostní informace CET (-AR/-AP)

**Doc. no.**   **Version**   **Language**   **Download**

Sicherheitsinformation CET (-AR/-AP)	105517	14-01/17		0.7 MB
Información de seguridad CET (-AR/-AP)				
Information de sécurité CET (-AR/-AP)				
Informazioni sulla sicurezza CET (-AR/-AP)				
Safety Information CET (-AR/-AP)				
Bezpečnostní informace CET (-AR/-AP)	105517	14-01/17		0.2 MB
Informação de segurança CET (-AR/-AP)	105517	14-01/17		0.2 MB
Güvenlik bilgisi CET (-AR/-AP)	105517	14-01/17		0.3 MB
安全情報 CET (-AR/-AP)	105517	14-01/17		0.6 MB
Информация о безопасности CET (-AR/-AP)	105517	14-01/17		0.3 MB
安全信息 CET (-AR/-AP)	105517	14-01/17		0.3 MB

**Návod k použití Bezpečnostní spínač s kódovaným transpondérem a jištěním ochranného krytu CET.-AR-... (Unicode/Multicode)**






	<b>Doc. no.</b>	<b>Version</b>	<b>Language</b>	<b>Download</b>
Betriebsanleitung Transpondercodierter Sicherheitsschalter mit Zuhaltung CET.-AR-... (Uni-/Multicode)	2110788	12-07/18		3.3 MB
Mode d'emploi Interrupteur de sécurité à codage par transpondeur avec interverrouillage CET.-AR-... (uni-/multicode)	2110788	12-07/18		3.3 MB
Manual de instrucciones Interruptor de seguridad con codificación por transponder con bloqueo CET.-AR-... (Unicode/Multicode)	2110788	12-07/18		3.3 MB
Návod k použití Bezpečnostní spínač s kódovaným transpondérem a jištěním ochranného krytu CET.-AR-... (Unicode/Multicode)	2110788	12-07/18		3.6 MB
Operating Instructions Transponder-Coded Safety Switch With Guard Locking CET.-AR-... (Unicode/Multicode)	2110788	12-07/18		3.3 MB
Istruzioni di impiego Finecorsa di sicurezza con codifica a transponder con meccanismo di ritenuta CET.-AR-... (Unicode/Multicode)	2110788	12-07/18		3.3 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 CET.-AR-... (ユニコード/マルチコード)	2110788	12-07/18		3.7 MB
Návod na prevádzku Bezpečnostný spínač kódovaný transpondérom s istením CET.-AR-... (Uni-/Multicode)	2110788	12-07/18		3.5 MB
İşletim kılavuzu Kapalı tutmalı CET.-AR-... (Uni-/Multicode)	2110788	12-07/18		3.7 MB
使用说明书应答机编码安全开关 CET.-AR-... (特殊/通用编码)	2110788	12-07/18		3.7 MB
Инструкция по эксплуатации Транспондерный предохранительный выключатель с защитной блокировкой CET.-AR-... (Uni-/Multicode)	2110788	12-07/18		3.8 MB

## Catalogs

**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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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

### Application example





#### Anschluss CET3-AR an PNOZ Multi

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Connection of CET3-AR to PNOZ Multi	AP000193	05-03/16		 0.4 MB





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Connection of CET3-AR to Pilz PDP67	AP000192	05-03/16		 0.5 MB





#### Anschluss CET3-AR an Sicherheits-Schaltgerät PNOZ X3.10P

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Anschluss CET3-AR an Sicherheits-Schaltgerät PNOZ X3.10P	AP000124	05-03/16		 0.2 MB
Connection of CET3-AR to safety relay PNOZ X3.10P	AP000124	05-03/16		 0.3 MB



#### Anschluss CET3-AR an Sicherheits-Schaltgerät PNOZ s5



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Connection of CET3-AR to safety relay PNOZ s5	AP000129	05-03/16		 0.3 MB

#### Anschluss CET3-AR an Siemens ET 200S





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Connection of CET3-AR to Siemens ET 200S	AP000134	05-03/16		 0.3 MB

#### Anschluss CET3-AR in Reihe an Sicherheitsrelais ESM-BA..1





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Connection of serial wired CET3-AR to Safety Relay ESM-BA..1	AP000112	06-03/16		 0.4 MB
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Anschluss MGB-L1..-AR und CET3-AR in Reihe an Siemens ET 200S

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Anschluss MGB-L1..-AR, CES-AR und CET3-AR in Reihe an Siemens ET 200S







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Connection of CET3-AR to Siemens ET 200S

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Anschluss CET3-AR an Siemens ET 200S	AP000108	05-03/16		 0.3 MB
Connection of CET3-AR to Siemens ET 200S	AP000108	05-03/16		 0.4 MB

## Declaration of conformity

EU-Konformitätserklärung

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