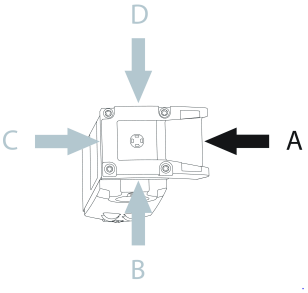
CET4-AR-CRA-AH-50F-SH-116285 (Order no. 116285)

Safety switch with guard locking CET-AR-..., RFID, plug connector(s) M23 (RC18), escape release

- Open-circuit current principle
- Unicode
- Teach-in input J
- Monitoring output guard locking OUT
- Monitoring output door position OUT D
- Plug connector(s) M23 (RC18), 19-pole
- Escape release, 75 mm long

Approach direction



Horizontal
Can be adjusted in 90° steps

Guard locking principle

Open-circuit current (power on to lock): On a guard with guard locking based on the open-circuit current principle, the guard is locked until the power supply to the guard locking solenoid is interrupted. Unlocking is by spring force. The term electrical guard locking is also used.

Unicode evaluation

Each actuator is highly coded (unicode). The switch detects only taught-in actuators. Additional actuators can be taught-in.
Only the last actuator taught-in is detected.

Safety characteristics

Thanks to two redundant safety outputs (semiconductor outputs) with internal monitoring, the device is suitable for:

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

- SIL 3 according to EN IEC 62061 Table 4

The OSSD outputs used check their function for short circuits and short circuits with test pulses.

Escape release

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

LED indicator

LED STATE	Status LED
DIA LED	Diagnostics LED
LED 1 rd	freely configurable
LED 2 gn	freely configurable

Terminal assignment