

## CTP-L2-AR-U-HA-AZE-SH-137165 (Order no. 137165)

### Safety switch with guard locking CTP-AR EXTENDED, RFID, plug connector(s) M23 (RC18)

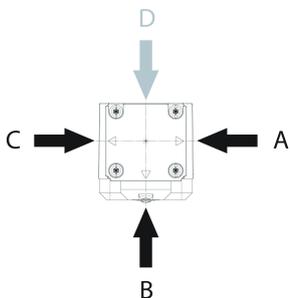
- ▶ Extended (2 illuminated pushbuttons, EMERGENCY STOP)
- ▶ Open-circuit current principle
- ▶ Unicode
- ▶ Monitoring output door position OD
- ▶ Monitoring output diagnosis OI
- ▶ Plug connector(s) M23 (RC18), 19-pole



#### Version Extended

The Extended version includes additional control and display elements.

#### Approach direction



Horizontal

Can be adjusted in 90° steps

#### Guard locking principle

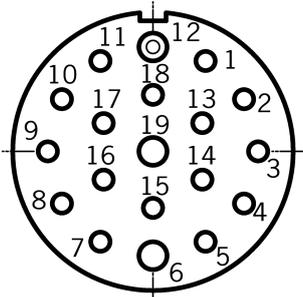
Open-circuit current (power on to lock): On a guard with guard locking based on the open-circuit current principle, the guard is locked until the power supply to the guard locking solenoid is interrupted. Unlocking is by spring force. The term electrical guard locking is also used.

#### 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.

**Terminal assignment**

Plug connector (view of connection side)	Pin	Designation	Function	Connecting cable conductor coloring
	1	IMP	Solenoid operating voltage, 24 V DC	VT
	2	FI1A	Enable input, channel A	RD
	3	FI1B	Enable input, channel B	GY
	4	FO1A	Safety outputs channel A 	RD/BU
	5	FO1B	Safety outputs channel B 	GN
	6	UB	Operating voltage electronics, controls/indicators 24 V DC	BU
	7	RST	Reset input	GY/PK
	8	OD	Door position monitoring output	GN/WH
	9	OI	Diagnostic monitoring output	YE/WH
	10	S1.A1	EMERGENCY STOP (channel A contact 1)	GY/WH
	11	S1.A2	EMERGENCY STOP (channel A contact 2)	BK
	12	FE	Functional earth (must be connected to meet the EMC requirements)	GN/YE
	13	S1.B1	EMERGENCY STOP (channel B contact 1)	PK
	14	S1.B2	EMERGENCY STOP (channel B contact 2)	BN/GY
	15	S2	Pushbutton 2 (illuminated)	BN/YE
	16	H2	LED 2	BN/GN
	17	S3	Pushbutton 3 (illuminated)	WH
	18	H3	LED 3	YE
	19	0 V		BN