

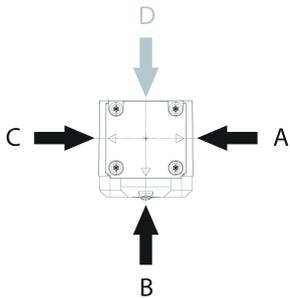
CTP-L2-AP-M-HA-AZ-SH-123371 (Order no. 123371)

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

- ▶ Open-circuit current principle
- ▶ Multicode
- ▶ Guard lock monitoring output OL
- ▶ Monitoring output door position OD
- ▶ Monitoring output diagnosis OI
- ▶ Plug connector(s) M23 (RC18), 19-pole



Approach direction



Horizontal

Can be adjusted in 90° steps

Guard locking principle

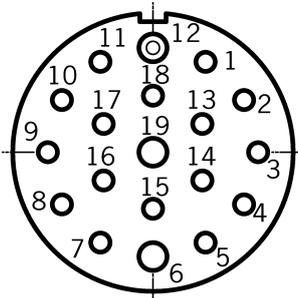
Open-circuit current (power on to lock): On a guard with guard locking based on the open-circuit current principle, the guard is locked until the power supply to the guard locking solenoid is interrupted.

Unlocking is by spring force. The term electrical guard locking is also used.

Multicode evaluation

The system checks whether the actuator type is one that can be recognized by the system (multicode evaluation). The system has a low coding level. Every suitable actuator is recognized by the switch.

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	-	n.c.	RD
	3	-	n.c.	GY
	4	FO1A	Safety output, channel A	RD/BU
	5	FO1B	Safety output, channel B	GN
	6	UB	Electronics operating voltage, 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	OL	Guard lock monitoring output	GY/WH
	11	-	n.c.	BK
	12	FE	Functional 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	Solenoid operating voltage, 0 V DC	YE
	19	0 V UB	Electronics operating voltage, 0 V DC	BN

Accessories required

Actuator is not included.

The safety switch can only be actuated in conjunction with the actuators provided for this purpose.