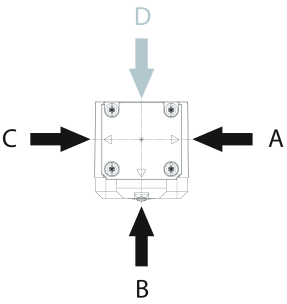
CTP-L1-AR-M-HA-AZ-SH-123363 (Order no. 123363)

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

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

Approach direction



Horizontal
Can be adjusted in 90° steps

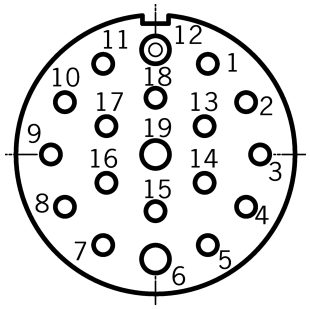
Guard locking principle

Power to unlock: On a guard with guard locking based on the closed-circuit current principle, the guard is locked by spring force until the guard locking solenoid is supplied with power. Unlocking is by solenoid force. The term mechanical 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	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	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.