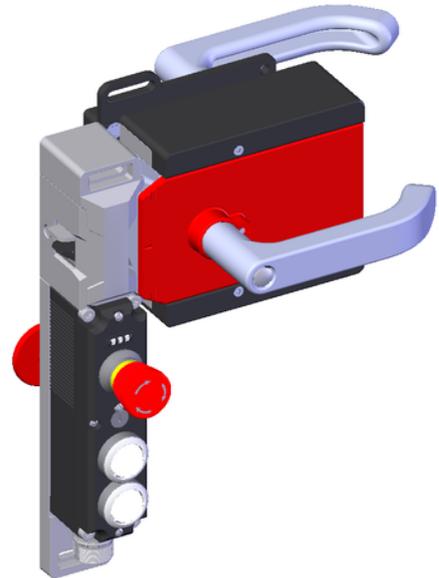


## **MGBS-P-L1HE-AR-U-R-SH-160520 (Order no. 160520)**

### **MGBS set AR, M23, emergency stop, 2 pushbuttons, with escape release, door hinge on right**

- ▶ Locking module with handle module
- ▶ suitable for doors hinged on the right
- ▶ Series connection possible (up to 20 AR devices in series)
- ▶ Short circuit monitoring
- ▶ 2 safety outputs (semiconductor outputs)
- ▶ Up to category 4 / PL e according to EN ISO 13849-1
- ▶ Emergency stop
- ▶ 2 pushbuttons (illuminated)
- ▶ With plug connector M23
- ▶ Unicode
- ▶ Door position monitoring output
- ▶ incl. escape release and inner door handle



### **Unicode evaluation**

Each handle module is highly coded (unicode). The locking module detects only handle modules that have been taught-in. Additional handle modules can be taught-in. Only the last handle module taught-in is detected.

### **Guard locking type**

MGBS- L1 Guard locking actuated by spring force and power-ON released (closed-circuit current principle).

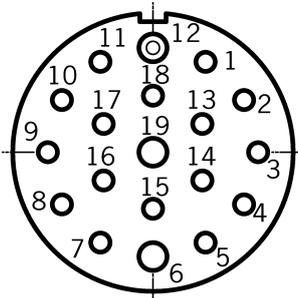
### **Lens set**

The color of the pushbuttons can be selected using the color cover set included (5 colors).

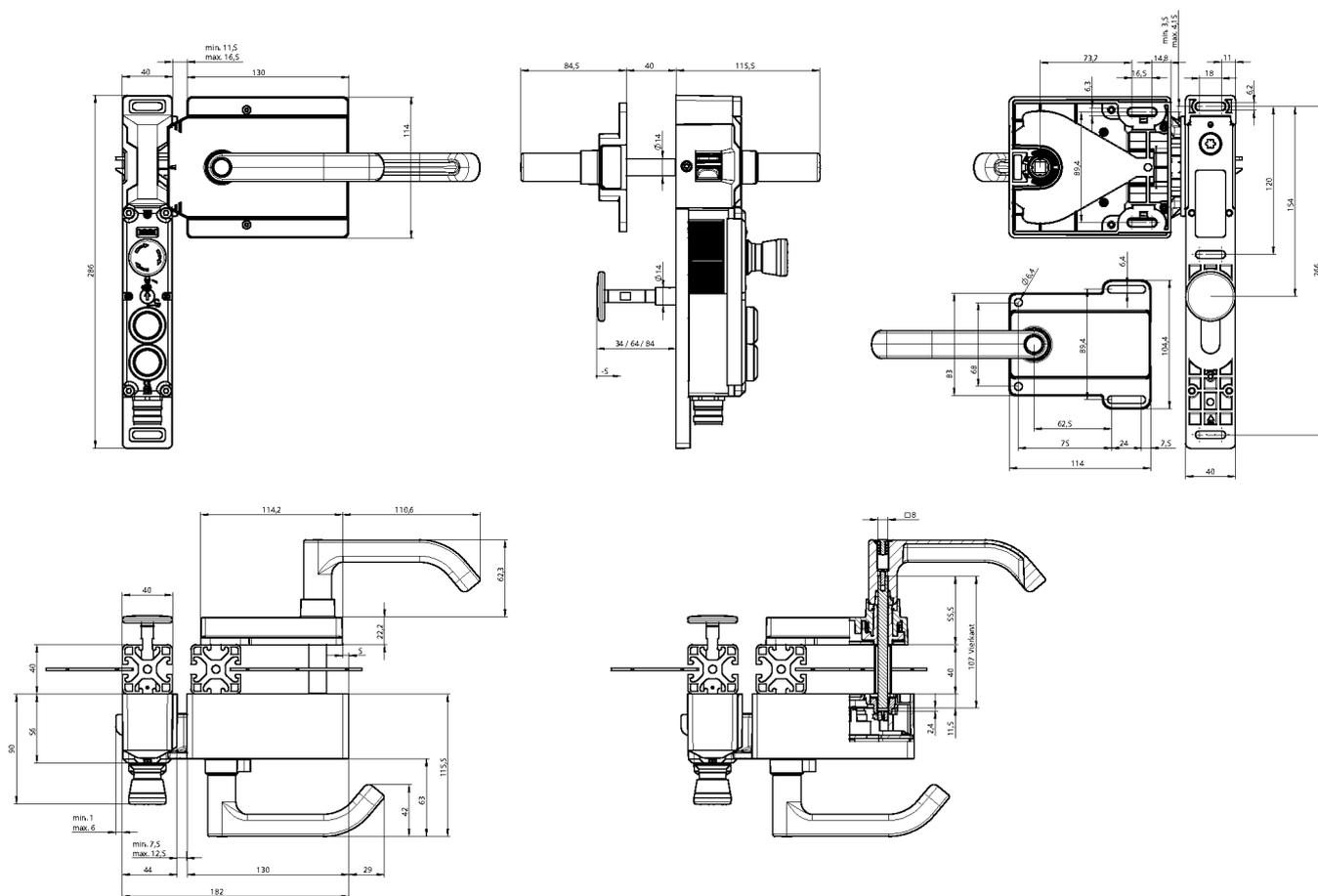
### **Escape release**

It is used for manual release of the guard locking without tools in an emergency. The inner door handle permits escape from the danger zone.

## Connector 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 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	S1.A1	EMERGENCY STOP (channel A)	GY/WH
	11	S1.A2	EMERGENCY STOP (channel A)	BK
	12	FE	Functional earth (must be connected to meet the EMC requirements)	GN/YE
	13	S1.B1	EMERGENCY STOP (channel B)	PK
	14	S1.B2	EMERGENCY STOP (channel B)	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	Electronics and solenoid operating voltage, 0 V DC	BN

## Dimensional drawings



## Connection examples

