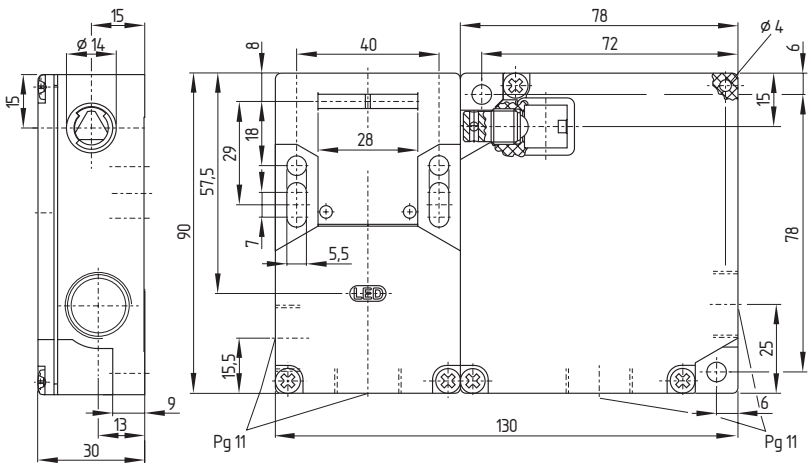
Features

- Thermoplastic enclosure
- Manual / Emergency release
- Long life
- Double insulated ⧈
- High holding force 2,000 N
- Adjustable ball latch up to 150 N
- 30 N latching force
- Wiring compartment
- Actuation on de-energisation or energisation
- 4 cable entries
- Mounting holes in base

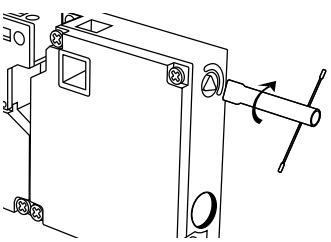
Voltage variants

- 24 VAC/DC
- 110 VAC
- 230 VAC

Always state required supply voltage when ordering

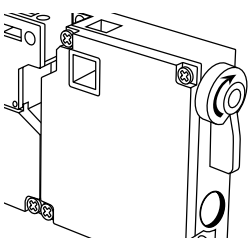


Manual release



- For manual release using M5 triangular key, available as accessory
- For maintenance, setting-up, etc.

Emergency release



- For cases of danger
- Fitting only within the guarded area

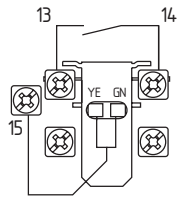
Info

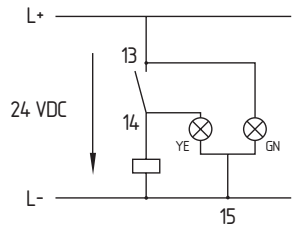
To safeguard up to Control Category 3 to EN 954-1, the Safety System Package No. 13 can be used. This comprises an AES 1235 guard door monitor, an AZS 2305 fail-safe delay timer, an AZM 160-23ypk, an AZM 160-B1S actuator, a Pg cable gland and safety screws with unidirectional screwdriver slot.

Approvals

D S CH USA CAN

LED version Protected against incorrect polarity and voltage spikes, ordering suffix G24

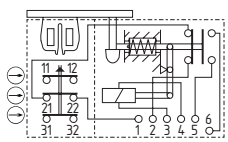




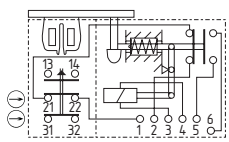
Info Further variants not shown here are available on enquiry. The applicable ordering suffix is added at the end of the part number of the solenoid interlock.

- Available with 5 N latching force, ordering suffix -2254
- With M 16 x 1.5 cable entry, ordering suffix -M16
- With gold-plated contacts (0.3 µm), ordering suffix -1637

Actuation on de-energisation

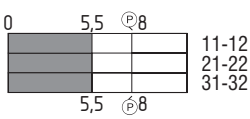


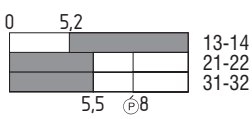
1 NO
4 NC



2 NO
3 NC

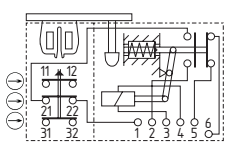
Contacts/ Switch travel



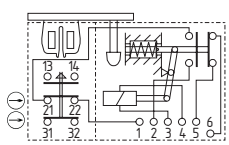


With manual release	**AZM 160-14yrpk**	**AZM 160-23yrpk**
With emergency release	**AZM 160-14yrpkn**	**AZM 160-23yrpkn**

Actuation on energisation

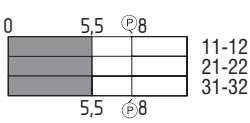


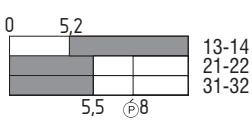
1 NO
4 NC



2 NO
3 NC

Contacts/ Switch travel





With manual release	**AZM 160-14yrpka**	**AZM 160-23yrpka**
With emergency release	**AZM 160-14yrpkan**	**AZM 160-23yrpkan**

Notes Circuit diagrams show de-energised condition with actuator inserted (0 in switch travel diagram).
Interlocks with actuation on energisation may only be used in special cases after a thorough evaluation of the accident risk, since the guarding device can immediately be opened on failure of the electrical power supply or when the main switch is opened.
Actuators must be ordered separately.
A selection of suitable actuators can be found in 2.3.