

Kerberos

Tripod barrier



PRINCIPLE

Tripod barriers for automatic access control, installed within view of reception personnel, lightening their work load.

The Kerberos basic is designed as a pack and quickly available in the following executions:

INSTALLATION

- finished floor (FFL)
- ⊗ sub floor level (SFL)
X = 80 - 120 mm (adjustable)
- ⊗ sub floor level (SFL)
X = 121 - 180 mm (adjustable)

FINISH

Stainless steel satin (grain 320)

CONSTRUCTION

Stainless steel housing with space reserved for card readers, terminals and customer installation.
Stainless steel barrier arm Ø 32 mm

Cover plates

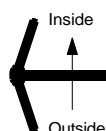
for card reader installation outside or push-button inside:

- stainless steel plate
- ⊗ plastic plate
- ⊗ stainless steel plate + release push-button
- ⊗ plastic pl. + release push-button

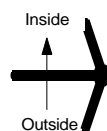
OPERATION

Passage side

— inwards right
(variant A)



⊗ inwards left
(variant B)



Access

Entry and exit direction electrically controlled

Drive

After a release and a manual push the low energy motor drive automatically moves the tripod by 120°. If no passage is completed, the release will be cancelled after an adjustable time.

Folding down / Setting up

From a control desk the reception staff can fold down the barrier arm, to allow entry for groups or persons carrying large items. With a procedure patented by Kaba Gallenschütz the collapsed barrier arm can be re-set automatically. Hereby the rotation head revolves several times and the arms snap into place once again.

Safety devices

Due to the low energy of the motor (max. 20 N) safety devices are not necessary. The locking mechanism will also release under pressure.

In case of power failure / emergency

the upper barrier arm drops down. After power is restored the tripod barrier re-sets automatically.

ELECTRICAL EQUIPMENT

Electrical data

Power supply:
230 VAC, 95 VA, 50 - 60 Hz
Control voltage: 24 VDC

Control possibilities

Various setting possibilities by PC (RS 232) or handheld programming device.

Basic functions:

e. g. speeds (Vmin, Vmax),
Time Out.

In- / Outputs freely programmable:

4 inputs, 24 VDC:
(Standard set up:
single release entry / exit,
free passage = drop arm, block)
8 outputs, 24 VDC
3 relay outputs, potential-free

Release

by means of a potential-free normally open contact, e.g. push-button or card reader.

Reader installation by others

— Standard execution ⊗ optional

We reserve the right for technical modifications

Kerberos

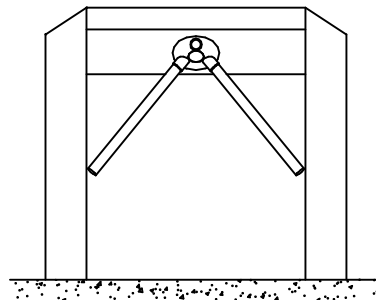
Tripod barrier



ACCESSORIES

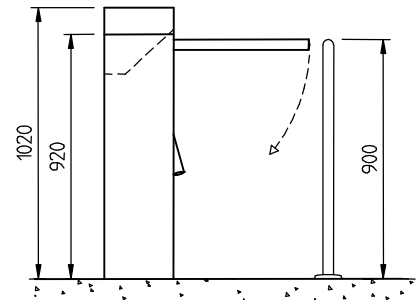
- ⊗ control desk for remote control (single release entry / exit, free passage = drop arm, block, permanent release entry / exit)
- ⊗ Extension board ETS 20io: 8 inputs, 8 outputs, 24 V, 7 relais outputs, potential-free

FRONT VIEW



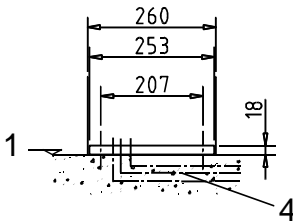
SIDE VIEW

with guiding bar
(e.g. type A, pack 190082088)

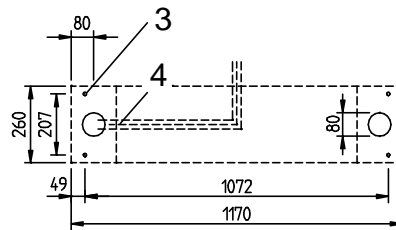


MOUNTING

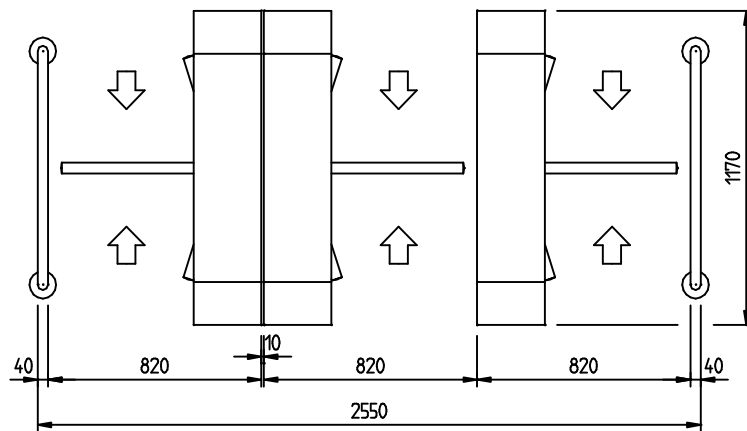
Finished floor (FFL)



TOP VIEW



TOP VIEW Multiple installation (example)

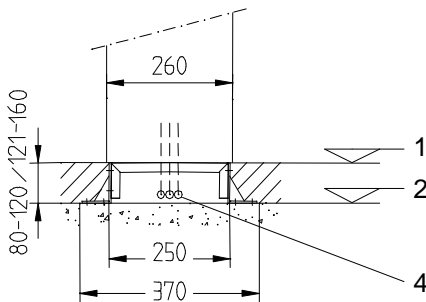


Sub floor level (SFL)

with sub construction:

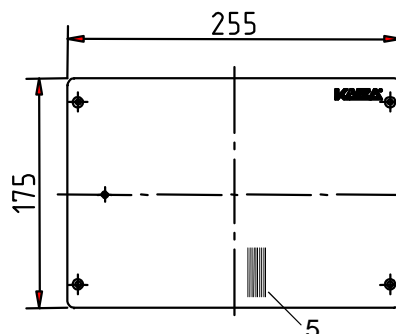
Measure X = 80-120 mm (adjustable)

Measure X = 121-180 mm (adjustable)



Cover plate

for reader resp. push-button installation (stainless steel: 3 mm, plastic: 5 mm)



Legend:

- 1. FFL
- 2. SFL
- 3. screw \varnothing 10 x 100
- 4. conduits
 - 1 x PG 29 (3 x 1,5 mm²)
 - 1 x PG 29 (14 x 2 x 0,8 mm²)
 - 1 x access control system
- 5. direction of polishing

Sales partner:

— Standard execution ⊗ optional
We reserve the right for technical modifications