



FULL HEIGHT TURNSTILE

BL-1-3

VERSIONS:

ZA3-BL-1-3

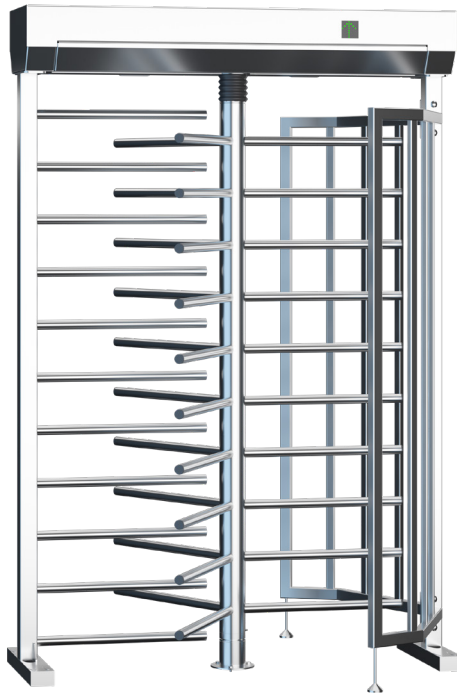
GA3-BL-1-3

MA3-BL-1-3

ELECTROMECHANICAL
(MOTOR)

ELECTROMECHANICAL

MECHANICAL





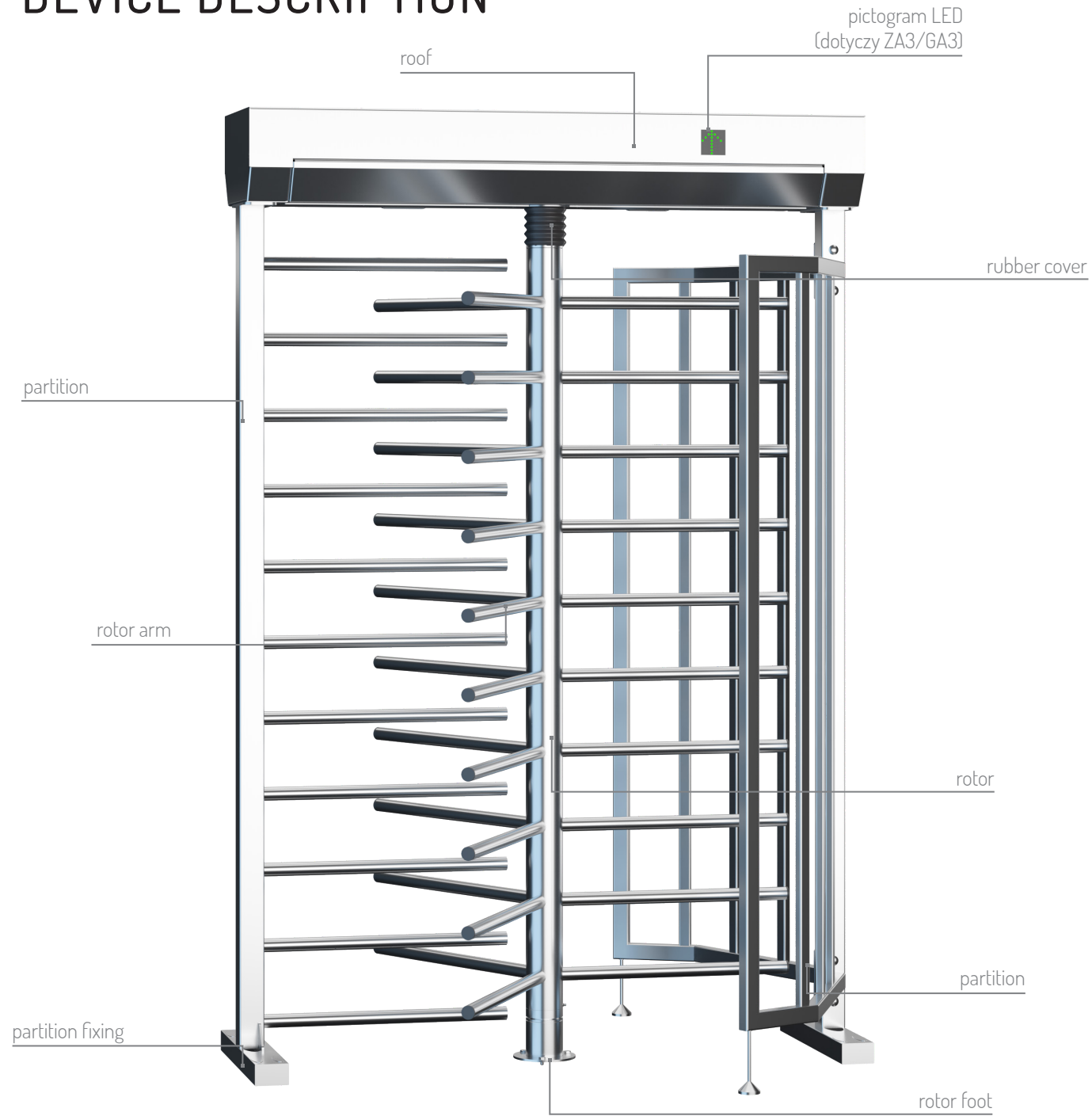
VERSATILITY

Single, full height turnstile. The three sections of the rotor arms allow for comfortable passage. The device designed to assist pedestrian access control at guarded passage ways.

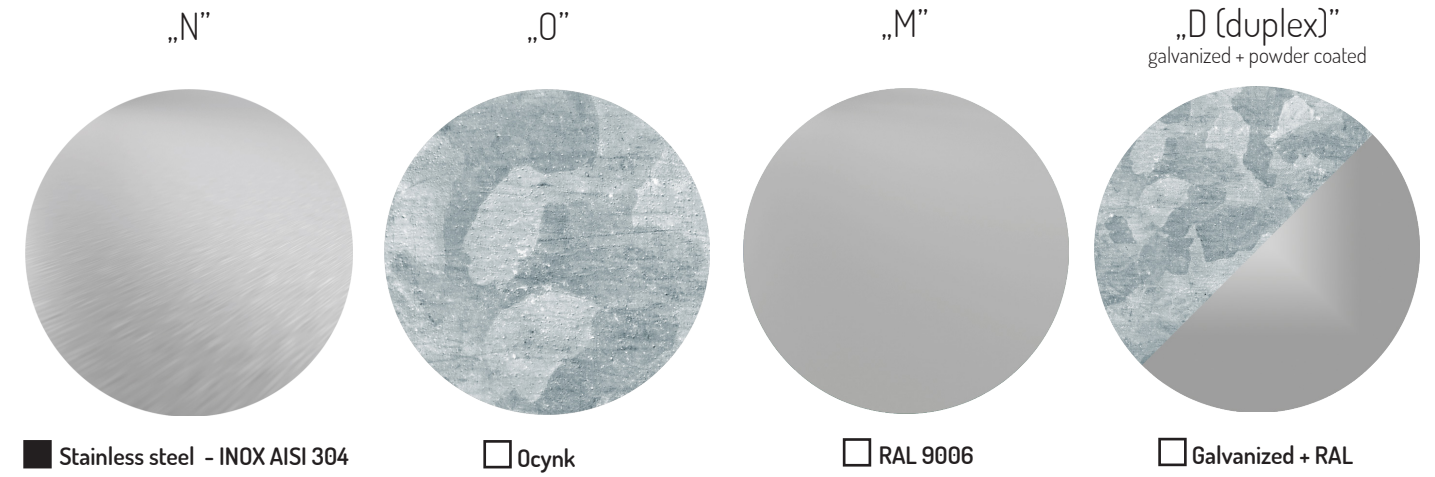
Examples of use:

- points of ticket control and access control for passenger traffic, airports/seaports,
- passages for authorised personnel, directing passenger traffic,
- points of ticket control at sports facilities, e.g. swimming pools, stadiums, sports and show facilities,
- access and time attendance control points in working places, e.g. offices, dedicated areas in factories.

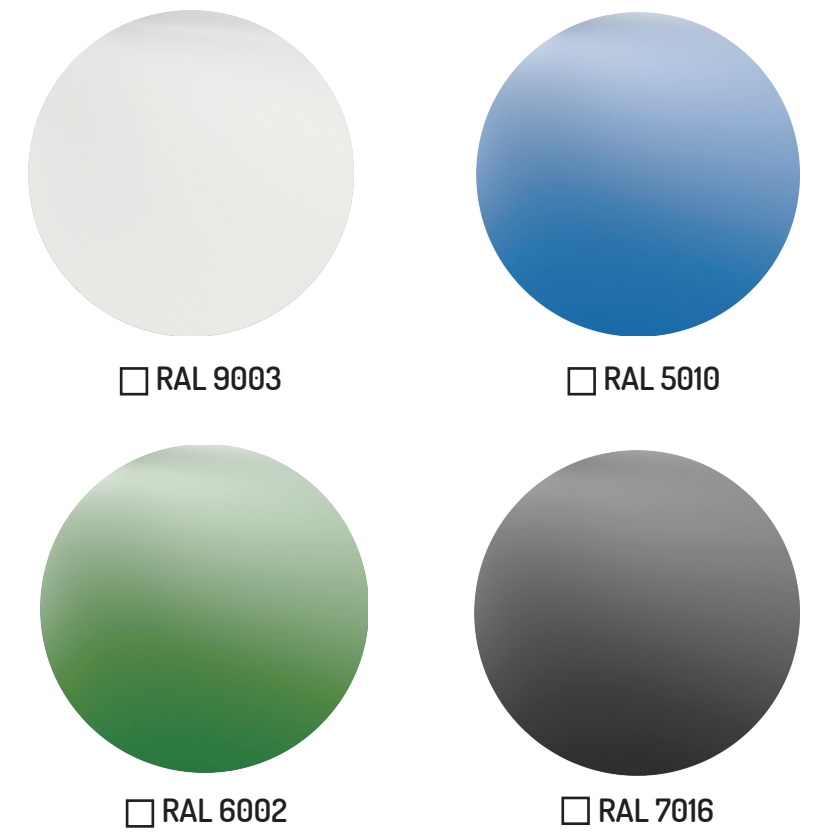
DEVICE DESCRIPTION



FINISH OPTIONS



RAL COLOR PALETTE EXAMPLES



Standard finish
 Non-standard colour/non-standard finishing

DEVICE CONTROLLER (ZA3/GA3)



IMPORTANT FEATURES

QUEUE LENGTH CONFIGURATION
(SIGNAL MEMORY)

DISPLAYING OPERATION PARAMETERS /
CONFIGURATION OF WORKING MODES

LANGUAGE SELECTION

CONFIGURATION OF UNLOCKING TIME /
FEEDBACK CONFIGURATION

TEST MODE /
CALIBRATION

MAIN INPUTS / OUTPUTS

ENTRY

CARD READER

BUTTON

EXIT

CARD READER

BUTTON

INFORMATION ON THE EXECUTION OF THE TRANSITION CYCLE

FEEDBACK
(ENTRY)

FEEDBACK
(EXIT)

INPUT (LOCK)

TO LOCK
TRANSITION SECTION E.G. WITH A METAL DETECTOR OR BMS

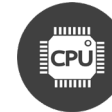
INPUT (FIRE PROTECTION)

TO UNLOCK
TRANSITION SECTION E.G. WITH A FIRE PROTECTION SYSTEM



VERSION ZA3

ELECTROMECHANICAL
(MOTOR)



CONTROL: MAGTRONIC
The mechanism is adapted to work with the MACTRONIC electronic system enabling, among others, settings of operating modes, diagnostics, control with external systems.



MODES OF OPERATION
The device enables operation in various modes, e.g. pedestrian traffic control for both traffic directions or pedestrian traffic control for any selected traffic direction.



EASY CONFIGURATION
Operation modes and functions can be easily configured via the control panel with display and manipulator.



LED PICTOGRAMS
Visual signaling (diode pictograms) inform about the directions of possible traffic in the crossing section that are turned on and off.



PRECISE ROTOR POSITION MEASUREMENT SYSTEM
The device is equipped with an electronic rotor position measurement system, which, using an encoder, allows you to control the operation of the locking system and smooth rotor movement.



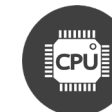
ASSISTING MOVEMENT OF ROTOR
The mechanism of the device is equipped with an electromechanical system supporting the rotation of the arms (motor).



LOCKING SYSTEM
The device has a system that unlocks the device in the event of a power failure.

VERSION GA3

ELECTROMECHANICAL



CONTROL: MAGTRONIC
The mechanism is adapted to work with the MACTRONIC electronic system enabling, among others, settings of operating modes, diagnostics, control with external systems.



MODES OF OPERATION
The device enables operation in various modes, e.g. pedestrian traffic control for both traffic directions or pedestrian traffic control for any selected traffic direction.



EASY CONFIGURATION
Operation modes and functions can be easily configured via the control panel with display and manipulator.



LED PICTOGRAMS
Visual signaling (diode pictograms) inform about the directions of possible traffic in the crossing section that are turned on and off.



MECHANICAL ROTOR POSITIONING
The device has a mechanical system for positioning the rotor arms.



ASSISTING MOVEMENT OF ROTOR
The mechanism of the device is equipped with a mechanical-pneumatic system supporting the rotation of the arms.



LOCKING SYSTEM
The device has a system that unlocks the device in the event of a power failure.

VERSION MA3

MECHANICAL



BLOCKING SELECTED DIRECTION OF MOVEMENT
Possibility to block the selected direction of movement with a key.

PARAMETERS

PARAMETR	VALUE / VERSION		
	ZA3	GA3**	MA3
Power supply voltage:	-24VAC	-24VAC	not applicable (mechanical version)
Peak current:	130 VA	90 VA	not applicable (mechanical version)
Minimum power consumption:	5 A	2 A	not applicable (mechanical version)
Control signal:	(max. 1 sek)	(max. 1 sek)	not applicable (mechanical version)
Feedback signal:	potential-free NO / NC	potential-free NO / NC	not applicable (mechanical version)
Operating temperature:	-25° do +50° C	-25° do +50° C	-25° do +50° C
Storage temperature:	-30° do +60° C	-30° do +60° C	-30° do +60° C
IP protection rate:	IP 43*	IP 43*	IP 43*
Relative humidity:	10-80%	10-80%	10-80%

* it is possible to increase the degree of IP protection at the stage of ordering

** The possibility of installing a reverse coil (at the stage of ordering) in order to automatically unlock the mechanism after a power failure.

DEVICE NAMING SCHEME

MECHANISM TYPE	HOUSING TYPE	NUMBER OF LANES	NUMBER OF ROTOR WINGS	FINISH TYPE		
				BODY	ROOF	ROTOR
ZA3 / GA3 / MA3	BL	1	3	N / O / D / M	N / O / D / M	N / O

Examples of markings:

- ZA3-BL-1-3 NNN - mechanism ZA3, housing type - BL, number of lanes - 1, number of rotor wings - 3, rfinish type: stainless rotor, stainless body, stainless roof.

Available finishes:

- N - stainless
- M - powder-coated
- O - galvanized
- D (duplex) - galvanized and powder-coated

NOTE: Standard finish includes AISI 304 (INOX) stainless steel.

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ADDITIONAL OPTIONS

ROOFING *

D1

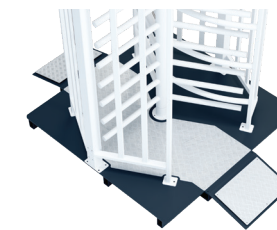


DP2



PLATFORMS *

PS1



PSN-2



CONTROL PANELS *

P1



P2



POWER SUPPLY *

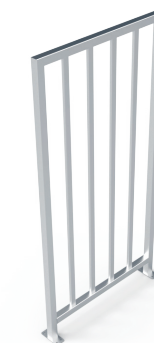


FENCE, GATEWAY *

FS - GATEWAY



WS - FENCE

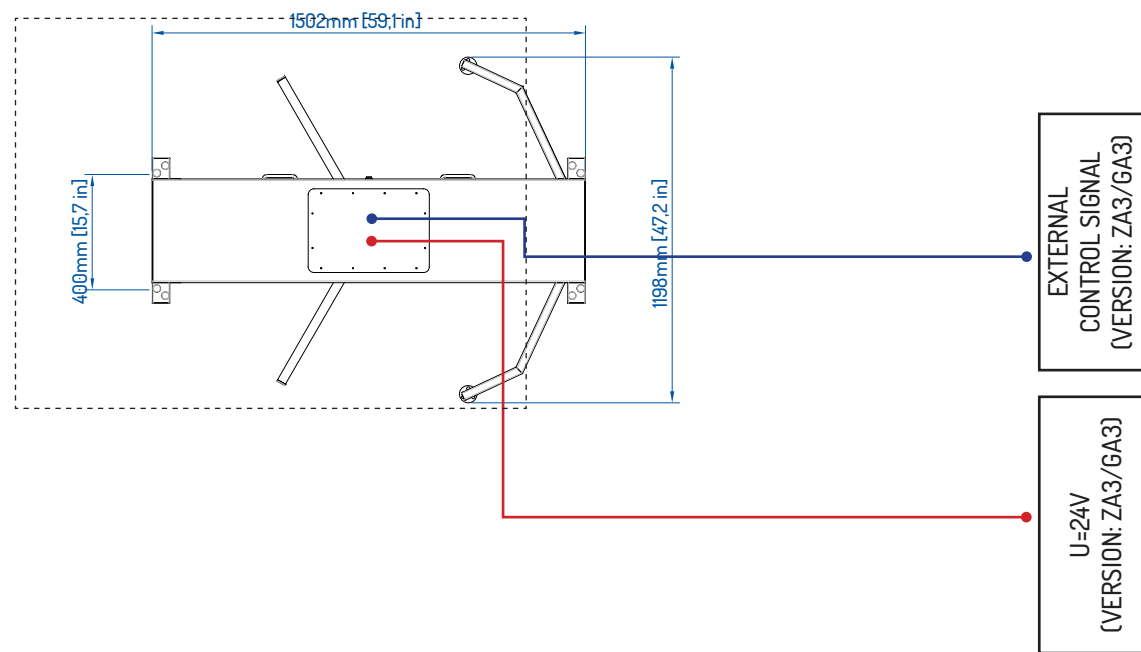
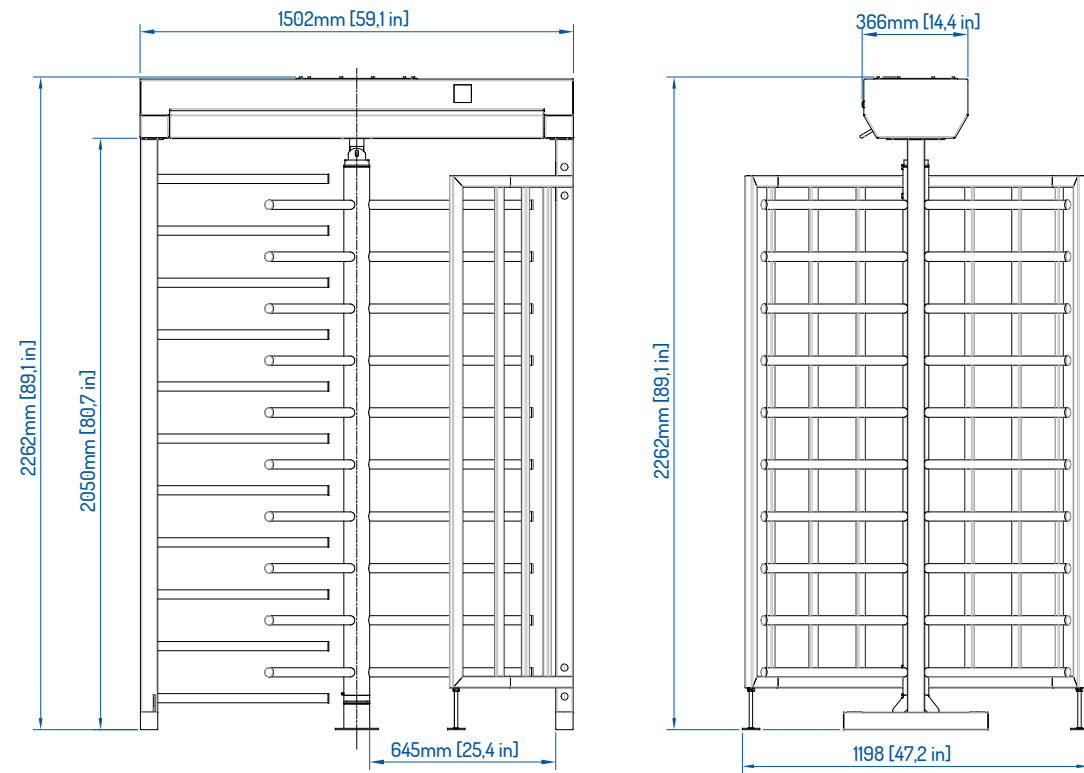


SS - Post



*Optional equipment is not included in the equipment of the device.

DIMENSIONS



KEY:

- External control signal - S/UTP cable (version: ZA3/GA3)
- 24 V supply - ØMY wire 3x1.5mm (version: ZA3/GA3)
- Foundation

Notes: