

Accessories for the barrier boom

Two-Way Traffic Light Control (GVAE01)

The two-way traffic light control GVAE01 enables traffic to be controlled on a single lane with two traffic signal heads (red / green). The use is only permitted in non-public road traffic.

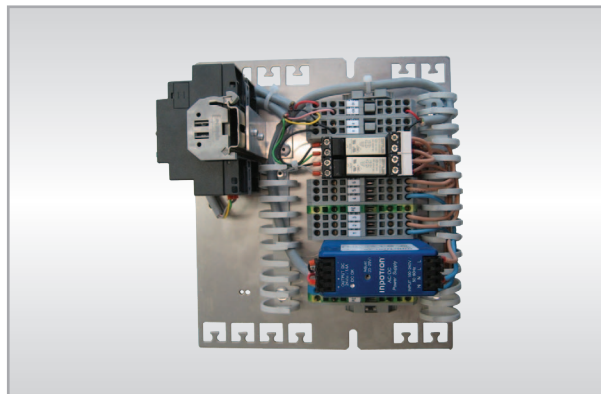
The GVAE01 is an autonomous control unit that is not linked to the operation of the MHTM™ MicroDrive barrier.

The PLC-based control unit can be configured to set the lengths of the red and green phases as well as a specified delay time for both sides.

The requests of the green phases for both directions are handled via two digital inputs. Three additional digital inputs enable the selection of different operating modes. Thus, it is for example possible to define a preferential direction for entry or exit.

The two traffic signal heads are interlocked via two external relays so that a green phase on both sides is impossible.

The control unit is pre-wired on an additional mounting plate including a supply unit for installation in an MHTM™ MicroDrive barrier. The only things to be done are connecting the traffic signal heads and the five digital inputs.



Technical Data

Supply voltage	85-264V, 50-60 Hz
Power consumption max. (without traffic signal heads)	max. 2 W
Digital inputs	Quantity: 5 Voltage: 24 V DC Current: < 1.5 mA
Outputs for traffic signal heads	Quantity: 4 Switching voltage: 250 V AC Switching current: max. 8 A

Supported barrier types

Magnetic.Access	Access Access-L Access Pro Access Pro-L Access Pro-H Access Select Access Select-L
Magnetic.Parking	Parking Parking Pro Parking Select