

# AB-C50

**AUTOMATIC SECURITY BARRIER -  
WITHSTANDS THE IMPACT OF A 3.5-TONNE HGV AT 48KM/H**  
LENGTH 2 m - 6 m



Continuous and  
intensive operation

**Low power  
consumption**

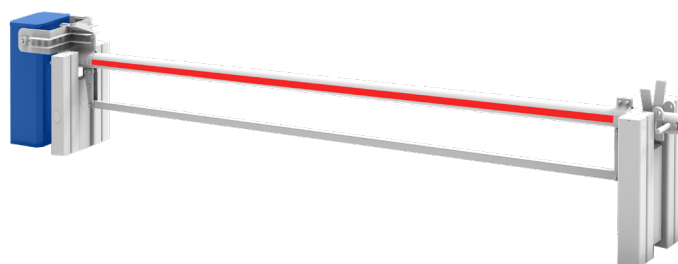
Installation and  
sealing in 24 hours

Low sealing depth  
< 50 cm

Automatic locking  
at the moment  
of impact

## STANDARD CHARACTERISTICS

- **Arm:** Aluminium oval axial 135 x 93 mm
- **Housing:** 4 mm thick cataphoresis treated pickled sheet
- **Cover:** 3 mm thick steel
- **Finishes:** RAL 5015 housing, RAL 9010 Posts and 1/2 shells
- **ONE-C control board including:** Power supply, PLC, Frequency converter, SD card, RJ45 (Modbus)
- Automatic locking at the moment of impact
- Lockable
- Angle sensor



MADE IN FRANCE



## TECHNICAL SPECIFICATION

Drive system	ELECTRIC - 230 V
Resistance	311,000 J
Operating time	10 to 15 s
MCBF (number of cycles)	≥ 3 million
MTBF (hours)	≥ 15,000
MTTR (min)	Less than 30 min
Power outage behaviour	Crank operation
Paint / Finish	RAL 5015 barrier housing / RAL 9010 posts & arm
Arm dimensions	135 x 93 mm
Width	From 3 to 6 m
Operating temperature	-20°C + 50°C
IP components	IP54

## CERTIFICATION

Resistance certified by crash test:



3.5 tonnes at 48 km/h

## OPTIONAL FEATURES

### Customisation

- Choice of RAL colour for the housing
- RAL colour on the struts

### Audible and visual signage

- Flashing light

### Security

- IR cell
- Loop detector
- Internal mechanical lock
- Terminal block information forwarding
- Small light post for mounting on struts
- Lockable housing protection kit
- Terminal block information forwarding
- Electromagnetic locking on tip support
- Gripper
- Articulated bottom grill

## INSTALLATION

