

Avon EX750 CAT2 Barrier



Avon EX750 CAT2 Rising Arm Barriers are an ATEX / IECEx certified product that have been designed for vehicle control in hazardous areas which are potentially susceptible to explosive atmospheres.

Designed and manufactured in the UK, Avon EX750 Barriers will provide vehicle access and movement control for primarily oil and gas / chemical works sites without creating an ignition source.

The EX750 is a vehicle control product but has been specifically designed to mitigate the Health and Safety risks associated with sites with the potential for the build up of explosive atmospheres.

Available in a range of operating modes they can be interfaced with all forms of ATEX / IECEx certified access control systems.

The EX750 Barrier cabinet is manufactured from mild steel finished in a high specification multi-coat and anti-static paint system (colour - red RAL 3001 as standard but other colour options are available on request).

The barrier arm is available in lengths up to 5m (500mm increments).

EB750CE Barrier

SPECIFICATION

Physical dimensions:	Barrier Cabinet - 305mm W x 500mm D x 1130mm
Basic Power requirement:	230v, 1ph, 6amp, 50HZ
Control Voltage:	S.E.L.V 24v
ATEX certified protection level:	II 2G IIB c T3
IECEx certified protection level:	Ex h IIB T3 Gb
Speed of Operation:	4.2 seconds to raise/lower cycle
Boom height:	965mm underside of boom to road surface (125mm Kerb)
Approx weight:	130kg
Paint finish:	INVER S.P.A. 40496 NP ESD Rosso 3001 (red), thickness 80 microns (anti-static paint) Boom profile - Rectangular extruded aluminium 76 x 38mm white powder coated with red fascal striping (black and yellow option available) Max length 5m. Booms are mounted on the right hand (as standard unless specified)
Barrier arm:	The barrier arm is constructed from 76 x 38mm aluminium, white powder coated with reflective red striping. Booms are mounted on the right side of the barrier as viewed from the back of the cabinet.
Power fail operation:	Manual hand wind
IP & Electrical protection level:	The barrier comes with an IP66, ATEX / IECEx Ex d explosion proof certified enclosure to enclose the control system

Features

- ATEX / IECEx certified
- Robust construction
- Gas Group IIB
- Category 2G
- Certified for use up to Zone 1&2
- Winding handle facility
- 230v single phase 50 Hz 6A

Benefits

- Independently certified
- Produced by certified IECEx manufacturer
- Low maintenance
- Manual operation in the event of power failure
- 100% Duty cycling

OPTIONS

The barrier is intended for use on vehicle roads only. Pedestrians **must** be routed via a different traffic route, Please note that any access control systems / push buttons etc. must be fully compliant with the same ATEX / IECEx classifications if mounted on or in the vicinity of the equipment.

Where the barrier control point is remote from the installation, we strongly recommend the fitting of a recordable CCTV system.

