

CADO[®]
SAFETY ON THE ROAD



SPIE, sharing a vision for the future

CADO®

Safety on the road

In addition to its existing range of systems, SPIE Nederland has developed a new CADO® (Electrically Powered Central Reservation Safety Barrier). The CADO® system enables an emergency opening in a safety barrier to be quickly set up, providing access for emergency services such as the police, fire service and ambulances. The time gained can save lives.

Other applications for the CADO® include facilitating removal of vehicles that are too high, access for maintenance workers and allowing traffic to make an U-turn. The CADO® will be fully unlocked and opened. It can be operated remotely from a road traffic control centre or on site. Manual operation is unnecessary. At the press of a button, a 9-meter passage is available within 30 seconds. The emergency services can remain in their vehicle and drive straight through to the incident site. After the emergency vehicle has passed through, the CADO® is immediately closed, creating a safe situation for the road user and allowing the traffic to flow smoothly again.

The new CADO® emergency barrier has a H2 (EN 1317) containment level and the appearance of a step-barrier profile. In a closed position the step-barrier profile is uninterrupted and the device has the same rating as the fixed crash barrier.

When open, emergency aisles provide an access of up to 9 meters. This is more than enough to allow emergency services free and fast passage and to ensure that road traffic is safe.

The new CADO® is electromechanically operated and opens within 30 seconds. It is activated by an on-site switch box or by a road traffic control centre.



Technical data:

CADO® electro-mechanical

| | |
|------------------------|--|
| Drive | electromechanical |
| Connection data | 400 V AC, 25 A |
| Passage width | 9 metres |
| Opening time | 30 seconds |
| EN 1317:2 | H2; ASI: 1.7; THIV: 33; Dmj: 0.4; W2 (0.8); V12 (0.8) |
| Step-barrier | (H): 900 mm; (W) top: 200 mm; (W) down: 540 mm |
| Delivery | ex-works complete with anchors and templates |
| Optional | prefab concrete foundation |

ADVANTAGES

- **No hydraulics:**
 - Safety
 - Insensitive to temperature changes
 - Easy to maintain
 - Controlled movement process
- **Closed step-barrier-profile:**
 - Convenient for motor cyclists
 - Connect seamlessly to a fixed barrier
 - Sound reduction



