

CHB



GENERAL DESCRIPTION

Chain barriers are designed especially for the parking lots where cars park side by side as a single row. There are two types of chain barriers, one is 10 mt (max) and the other is 20 mt (max). Closing longer clearances, raising/lowering faster and being much more vandal resistant are the main advantages of Optima chain barriers. Raise/lower time is approximately 10 seconds.

MECHANISM

Chain barriers consist of two steel bodies which are placed at each end of the clearance to be controlled and the chain in between. In order to prevent rusting, the chain and all the steel elements are galvanized. In addition, bodies are electrostatically powder coated to RAL 7012 and furnace. In case of power failure, two ends of the chain are connected to the mechanisms with the help of two detachable chain links. Each body is anchored to the ground with the help of an anchoring plate. Motors and control electronics are located on the back of the bodies so that snow, rain, etc accumulating on the ground does not affect the chain barrier.

CONTROL ELECTRONICS

Chain Barrier is controlled by Optima Control Board. Raise/lower function can be achieved by every kind of card reader, biometric readers like fingerprint or hand shape, radio control, on/off switch or keys witch, etc. Besides, safety accessories like loop detectors, photocells, flashing lights, or red/green lights can be integrated into the control electronics very easily. Time delay raising of the chain barrier can be adjusted between 0 - 50 seconds.

ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

Between -20°C and +55°C, % 95 non- condensing humidity, 220 V 50 Hz.

TYPE DESCRIPTION

CHB100 10 m (max) clearance, raise/lower time is approximately 10 seconds, 10mm chain.

CHB200 20 m (max) clearance, raise/lower time is approximately 10 seconds, 6mm chain.

OPTIONAL ACCESSORIES

- Flashing or red/green light.
- Radio control receiver, transmitter and antenna.
- Safety photocell, standard casing.
- Raise/lower switch (desktop).
- Loop detector.
- Chain skirt.

MAIN BODY MEASUREMENTS

