

BOLLARD

MODEL: TI-QX4-BLD3

TENTRONIX designs & manufactures automatic rising Bollards. The robust construction and reliable operation make them one of the most effective and flexible ways of managing traffic and protecting pedestrians.

Manufactured in high-quality stainless steel, combined with the classic look of our flat head design style our Automatic Bollards are sure to make an impact.

Overview:

- Rating Bollard can with stand front collision of a loaded 9 Ton Vehicle Travelling at a speed of 50 Km/h
- Steel Grade FE 510
- Simple mechanical construction
- Emergency Operation Speed: 1.5 seconds
- Easily configured for specific installation requirements
- Plug-in inductive loop detectors for Vehicle
- Isolated
- control logic input and output signals
- Manual or fully automatic options



SPECIFICATIONS OF BOLLARD

Drive	Hydraulic/Pneumatic
Cylinder Diameter	Up to 200 mm
Cylinder Length	600-1000mm
Cylinder Material	ST 37 Hot Dip galvanized plus RAL coating
Thickness of Steel cover	10-12 mm
Thickness of Plate cover	3 mm
Foundation Depth	Up-to 1500 mm
Illumination	Red LED/ Reflective Strips & Audio Alarm on Operation
Duty Cycle	100%
Rising Time	Less than 5 sec.
Descent Time (Standard	4-5 sec.
Emergency	Less than 5 Sec
Hydraulic Drive Unit	Operating with 6 sets (individually pneumatically or centralized air
Operations	compressor or hydraulically
Power Supply	220V – 420V AC, 50Hz
Motor	3 HP

**Product casing and specification are subject to change without any prior notice.*



Power consumption		2.3KW
Protection class		IP67
Work frequency		Heavy duty bollard with stand front collision of a Loaded 9 ton Vehicle Travelling at speed of 50Km/hr
Manual Lowering operations		Available
compressor		Screw or Reciprocating
Operation pressure of pump		5-7 bar
Environment Temperature		-20deg to +50 deg c
Total weight		Up to 200 Kg
Pump weight		27Kg
Weight of plate		56 Kg
SAFETY PARAMETERS		
Safety against vehicle		Loop Detector
Safety Against Human Traffic		Photo Sensor
Control unit		PLC based control unit with trailer made Integration with all Access control devices up to 50 meters
POWER FAILURE		
Accumulator		Customized Accumulator for 4 cycles of up down operations without power

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