

CHALLENGER BARRIER (B SERIES)



GENERAL DESCRIPTION

Optima Challenger barriers are designed to control the high flow of traffic and parking places. The ideal solution for heavy-duty service on the driveway (residential parking control) and intensive use (public parking control) even in peculiar and difficult climatic conditions.

SYSTEM SPECIFICATIONS

MODELS	CHALLENGER B SERIES		
	B300	B600	B800
Maximum arm length	Up to 4m	4-6m	6-8m
Opening time	2 seconds	4 seconds	6 seconds
Wind resistance	140 km/h	120 km/h	90 km/h
Cabinet	Galvanized steel		
Arm type & Material	120 mm ellipse & aluminum		
Power supply (V – 50/60 Hz)	220 V +/- %10		
Cycle	%100 , continuous duty		
Automatic time delay	Activated or deactivated if required, adjusted as 5sec and its multiples (35 sec. upper limit)		
Protection Rating	IP55		
Electronics Control Cabinet	IP67		
Power failure	Manual operation		
Environmental Conditions	-15 °C / +65 °C , %95 humidity		

SECURITY SYSTEMS | CHALLENGER ELECTROMECHANICAL ARM BARRIERS (B SERIES)

Arm is aluminum with a special elliptical like cross-section design

Low power consumption and silent running

Compatible with all access control systems

All control electronics manufactured by Optima

ACCESSORIES

SCADA or any control system: It is possible to change and check the position of barrier with touch screen control panel *	Optima Cloud. To control barrier by mobile devices (ios-android), computer, etc. *
Red/Green led light above the aluminum barrier arm *	Radio receiver/transmitter *
Red/green traffic lights with steel pole *	Radio antenna *
Flashing light (flashes while the arm is in motion) *	Wrong direction alarm *
Safety photocell *	High speed alarm *
Stand and casing for safety photocell *	Protection bar for barrier cabinet *
Pneumatic edge sensor *	Barrier skirt *
Dual vehicle safety loop detector *	Stop sign in the middle of barrier arm *
Push button box (Raise/Lower/Emergency Stop) *	



(Accessories marked with (*) are optional.)

MAIN BODY MEASUREMENTS

