

Automatic bollards EM

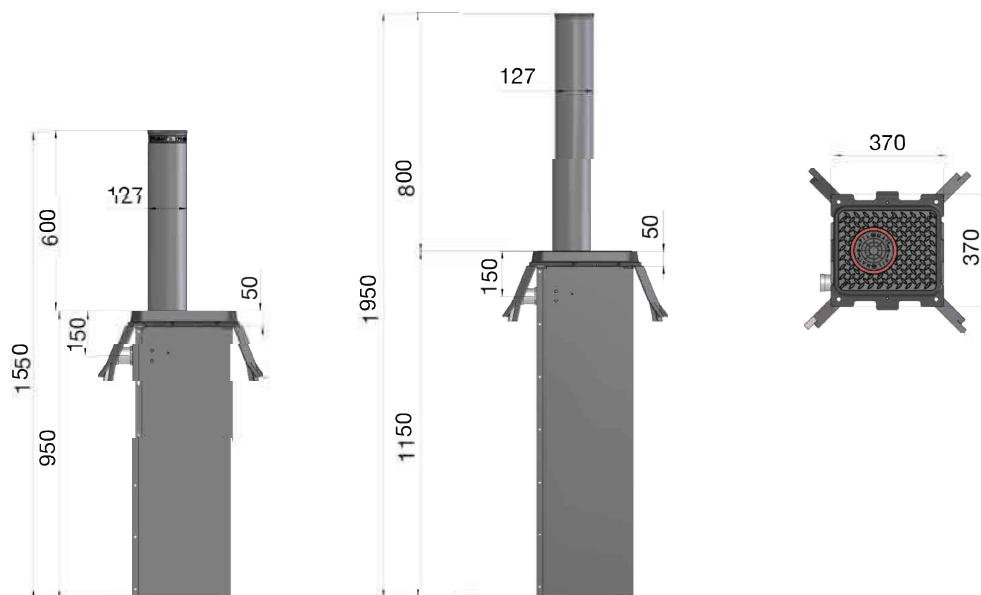
with integrated electromechanical operator

EM127-600A / EM127-800A



Product description			
Automatic bollards EM		EM127-600A	EM127-800A
Movable cylinder	Height	600 mm	800 mm
	Diameter	127 mm	
	Material thickness	4mm	
	Material	Steel S235JR Stainless steel (AISI 304)	
	Surface treatment	Steel version: anti-corrosion treatment – standard painting* Stainless steel version: standard painting* or brushed	
	Reflecting strips (height 22 mm)	Yes	
	Lifting speed	9,5 cm/s	11 cm/s
	Lowering speed	12 cm/s	14 cm/s
Automatic emergency lowering in case of power failure		Yes (emergency batteries included in the scope of delivery)	
Automatic safety cut-out		Yes – as standard	
Connecting cable to control unit		Standard 10 m (max. 30 m)	
Control unit voltage		230 / 400 V AC (+/- 10 %) 50 / 60 Hz	
Electromechanical operator		Integrated in bollard	
Electromechanical operator power consumption		140 W (max. 250 W) – 0,6 A (max. 1,1 A)	
Protection category		IP 67	
Cycles per day		100	
Overall cycles (service life)		200,000	
Impact energy without destruction - impact resistance		20,000 J	
Impact energy with destruction - breakout resistance		150,000 J	
Load rating acc. to EN 124		D400 Regulation	
Temperature range		From -40°C to +70°C (for low temperatures, see heating element)	

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



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Automatic bollards EM127-600/800A with integrated electromechanical operator		EM127-600A	EM127-800A
		Article no.	Article no.
Automatic bollard EM12 EM-600 / 800A	Steel painted	QA101061	QA101081
	Stainless steel painted	QA107061	QA107081
	Stainless steel brushed	QA113061	QA113081
Automatic bollard EM127-600 / 800A + Lighting point with 1 LED	Steel painted	QA102061	QA102081
	Stainless steel painted	QA108061	QA108081
	Stainless steel brushed	QA114061	QA114081
Foundation box for automatic bollards		Article no.	
Steel foundation box with aluminium zinc coating – counterframe and ground anchors		EM127-600A	PA151001
		EM127-800A	PA151004
Counterframe and ground anchors			AA105041
Metal cover cap for foundation box (with screws)			AA900031
Bollard inserted in foundation box (not fully fitted / to reduce transport costs)			AA101371
Controls for automatic bollards		Article no.	
Control for systems with max. 3 bollards EM – 2 batteries 12 V 7 Ah			AA106491
Optional extras for automatic bollards		Article no.	
Surcharge for painting the cylinder in RAL to choose	Cylinder 127-600		AA900061
	Cylinder 127-800		AA900521
Acoustic warning signal (for bollards only in combination with LED lighting strips)			AA101051
Protection against corrosion - marine treatment - for bollard frame (recommended for saline ambient conditions)	EM127 -600A		AA105261
	EM127-800A		AA105301
Protection against corrosion - marine treatment - for steel cylinders (recommended for saline ambient conditions)	EM127 -600A		AA105251
	EM127-800A		AA105291
Protection against corrosion - marine treatment - for the upper counterframe (recommended for saline ambient conditions)			AA106501
Heating element incl. transformer and thermostat 80 W, connecting lead 10 m			AA100041
Extended connecting cable from bollard to control (max. 30 m total) supplied in 5 m increments	Per m		AA105141
Bottom magnetic contact with support brackets – for traffic light control and status feedback			AA105171
Acoustic alarm with glass button for Italian approved sirens			AA100131
Stainless steel control box with ground fitting – foundation anchors Dimensions (W x D x H) 330 x 280 x 967 mm, protection category IP 40			BB100071
Fibreglass control box with ground fitting – foundation anchors Dimensions (W x D x H) 580 x 330 x 940 mm, protection category IP 55			BB100891
Cylinder cover (head) and reflecting strip (no logo)	difference		AA108811