

Automatic bollards EM

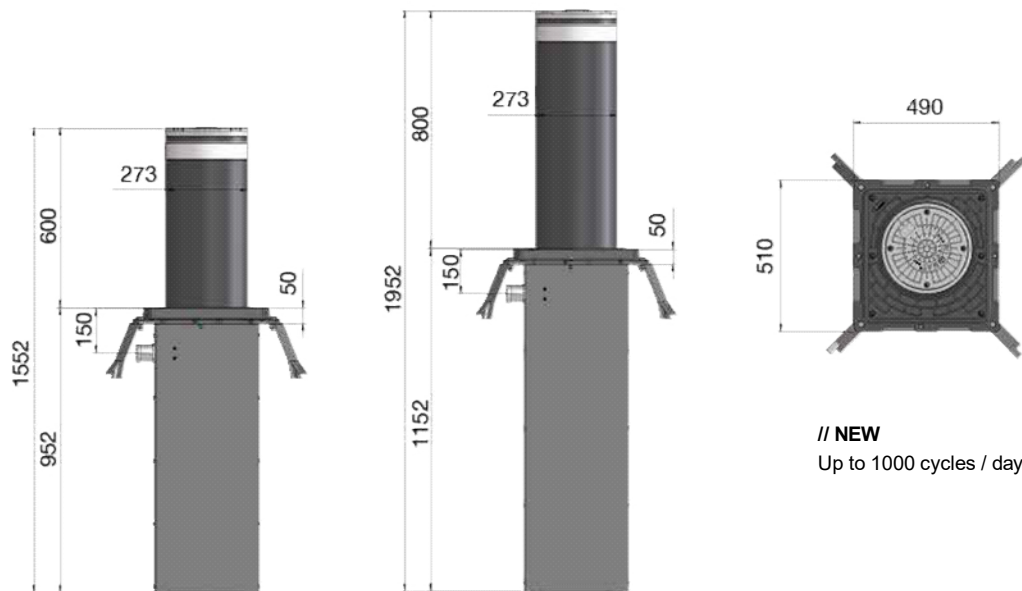
with integrated electromechanical operator

AE275/EM-600A / AE275/EM-800A



Product description		
Automatic bollards EM	AE275/EM-600 A	AE275/EM-800 A
Height	600 mm	800 mm
Diameter	273 mm	
Movable cylinder	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 55 mm)	Yes
	Lifting speed	9.5 cm/s
	Lowering speed	12 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	1000	
Overall cycles (service life)	1,500,000	
Impact energy without destruction - impact resistance	20,000 J (approved by TÜV Rheinland)	
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.



// NEW
Up to 1000 cycles / day

Automatic bollards 275/EM-600/800A with integrated electromechanical operator		275/EM-600A	275/EM-800A
		Article no. ✓	Article no. ✓
Automatic bollard 275/EM-600 / 800A	Steel painted	PY101061	PY101081
	Stainless steel painted	PY107061	PY107081
	Stainless steel brushed	PY113061	PY113081
Automatic bollard 275/EM-600 / 800A + Lighting strips with 25 LEDs	Steel painted	PY103061	PY103081
	Stainless steel painted	PY109061	PY109081
	Stainless steel brushed	PY115061	PY115081
Foundation box for automatic bollards		Article no. ✓	
Steel foundation box with aluminium zinc coating – counterframe and ground anchors		AE275/EM-600A	PY151001
		AE275/EM-800A	PY151002
Stainless steel foundation box, water-tight version – counterframe and ground anchors		AE275/EM-600A	PY151024
		AE275/EM-800A	PY151026
Stainless steel foundation box, water-tight version – immersion pump, counterframe and ground anchors		AE275/EM-600A	PY151025
		AE275/EM-800A	PY151027
Counterframe and ground anchors			AA105031
Metal cover cap for foundation box (with screws)			AA900981
Pavement frame for laying paving stones	Stainless steel standard coating, anti-slip		AA107701
	Stainless steel brushed		AA107691
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 275/EM-600 / 800A – 2 batteries 12 V 7 Ah			AA106491
Optional extras for automatic bollards		Article no. ✓	
Surcharge for painting the cylinder in RAL to choose	Cylinder 275-600		AA900601
	Cylinder 275-800		AA900631
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)	AE275/EM-600A		AA105351
	AE275/EM-800A		AA105651
Protection against corrosion - marine treatment - for steel cylinders (recommended for saline ambient conditions)	AE275/EM-600A		AA103991
	AE275/EM-800A		AA104011
Protection against corrosion - marine treatment - for the upper counterframe (recommended for saline ambient conditions)			AA106521
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 × D × H) 330 × 280 × 967 mm, protection category IP 40			BB100071
Fibreglass control box with ground fitting – foundation anchors Dimensions (W × D × H) 580 × 330 × 940 mm, protection category IP 55			BB100891
Cylinder cover (head) and reflecting strip (no logo)	difference		AA108811
Surcharge for stainless steel cylinder cover (AISI 304)			AA101911
Surface customisation of the cylinder cover, e.g. with a city crest or a logo			price on request
Kit to modify the bollard 220/275 for inclined road (only for 275/EM-600A)			AA107591
Project inclination required (if not available)			AA107601
Accessories for operators and controls		See from page 98	