AP7092 Locker Power Injector

The AP7092 Locker Power Injector connects **up to 32** Mifare and Smart locker units to the reader channel of an AEOS Blue AP7803 controller or AP7003 interface. It supplies the lock with the correct voltage, which is 24 VDC.

Extended connections

With the AP7092 Locker Power Injector, you can connect a maximum of 32 locker units (Mifare or Smart) to a single OSDP reader channel on an AP7803 AEOS Blue controller or an AP7003 AEOS Blue interface. Without Power Injector, the maximum number of locker units on one channel is only 10.

As one AEOS Blue Controller or Interface has two OSDP reader channels, you can connect a maximum of 64 locker units to a single AP7803 or AP7003, using one Power Injector for each reader channel. If you connect several AEOS Blue interfaces to the same AEOS Blue controller, you can even connect up to 512 locks to the complete configuration in total.

This Power Injector allows you to bridge distances of up to 100m between the controller or interface and the lockers.

Easy positioning

The AP7092 injector has six RJ10 connections for the locks. And, on the other side, it has a screw connector for the 24-volt power supply and the RS485 communication line to the AP7x03's reader channel.

The power injector has four mounting holes for easy positioning on a mounting panel or locker compartment. Its modest physical size allows convenient placing in almost any available space.

Technical specifications

Measurements	131 x 97 x 31 mm (LxWxH)
Weight	~0,1 kg
Case	Plastic
Input	24 VDC / 1A
Output	6x24V 500mA max each
	6 RJ10 outlets
	Max 15 lockers per RJ10
	Max 32 lockers in total
Environment	Temperature: In operation: 0˚C - 55˚C. Storage: -30 - 65˚C.
	Relative humidity: 20-90% (non-condensing)
Cables for lockers	RJ10 flat cable
	AP7092 to first locker: max. 10 m
	Between lockers max. 3.50 m
Power supply wiring	Max. 5 m; 2 x 0,5 mm² shielded
Reader wiring	Max. 100 m; 2 x 2 x 0,22 mm² shielded

Article number

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Subject to change without prior notification