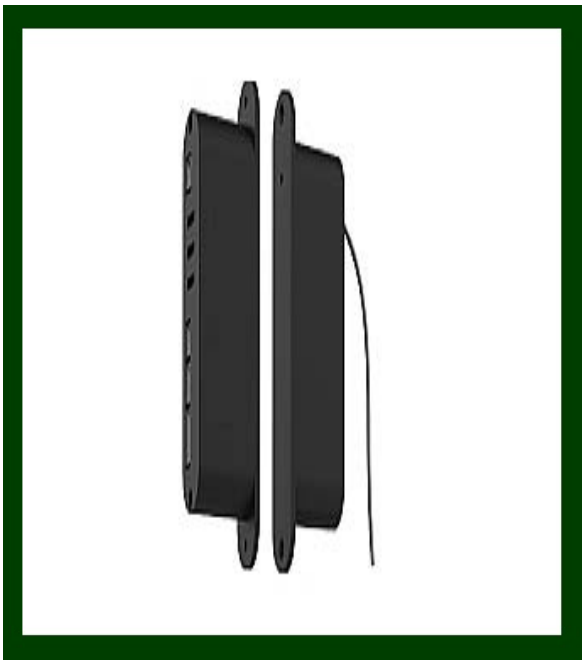
POWER JACK
WIRELESS DOOR LOOP

Power Jack is our new innovation patented product. Through the new technology **wireless power supply and signal transmission**, effectively solve the traditional electronic locks power supply and access control system wiring problems. Environmental **protection** and **energy saving device**, to avoid the waste of human, material resources which caused by tradition cabling wayand minimizing the usage of disposal batteries.



PROPERTIES

: **Easy installation**, no need to drill the door.
The installation method saves labor costs.
: **Integrated solutions** that replace traditional door loops for wire protection, transmission hinges, door hardware and other related accessories.
: Equipped with the **function of monitoring the time** and **performance of the lock**.
: **Easy to install and maintain.**
: With the electronic lock, you will solve problems with replacing batteries, leaking electrolyte and any other problems
failure rate of engines.
:**Two sets of output switching times - short / long.** Flexible selection for unlocking the door.
: **Can be attached to a tapered panel with a width of 25 mm**. **Meets European standards f**or locks with a minimum door width, with no door restrictions.
: A single power source is **able to work with a gap of up to 7 mm between the door and the frames**.
: It needs a **minimum of space.** It is suitable for narrow door spaces due to its small design.
: The Power Jack is a power supply that can carry out **bi-directional transmission of 12V / 24V power to the electric lock.**
: Ensures the return of the monitoring signal of the electric lock back to the control system. Furthermore, it ensures the return of the monitoring signal of the gate with a locking signal. It also detects the state of the lock with an output signal.

TECHNICAL SPECIFICATIONS

Product size:	131 x 25 x 37 mm
Power output(switchable):	500 mA and 12VDC / 250 mA and 24VDC
Operating temperature:	- 20 °C till 60 °C
LED status indicator:	Bi-color LED (dppr frame/ TX side)
Installation allowable range:	max. door gap 7.0 mm
Horizontal dislocation:	< 2mm, when door gap is less than 5 mm
Vertical dislocation:	< 2mm, when door gap is less than 5 mm

Input point (door frame / TX side): 2 set of unlock timer
: 4 sec.
: 3 sec. to 90 sec.

FUNCTIONS

Output point (door / TX): 4 set of outputs
(2 set of status output, 2 sets of extension output)
1.Door position signal
2.Device status signal
3.Lock signal output
4.Lock signal output

Input point (door / RX): 2 set of extended output
1. Lock signal input
2. Lock signal input

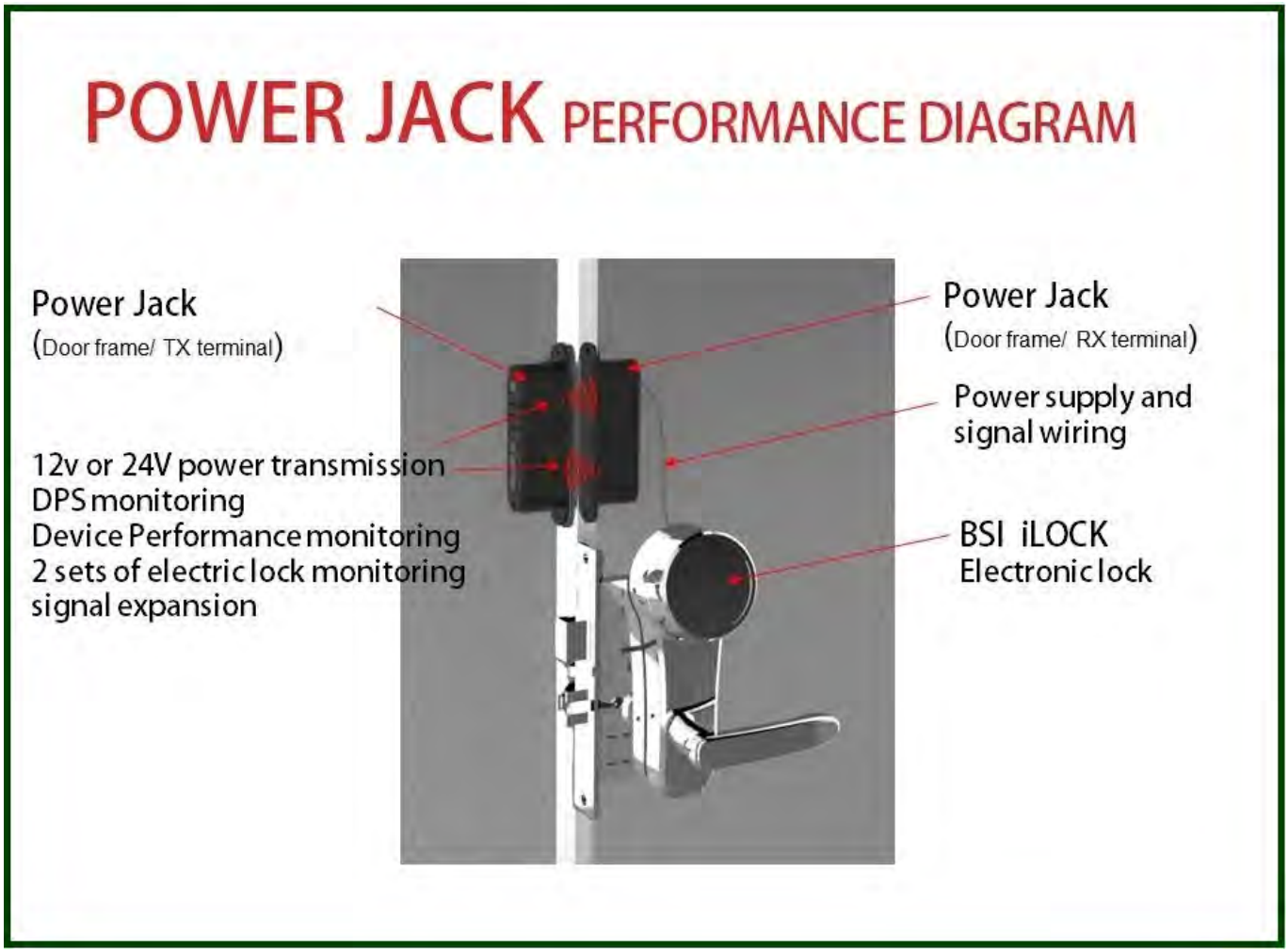
SPECIFICATION OF ELECTRONIC LOCKS

Fail / Secure
(Mortise lock, Cylindrical, electric strike, electric bolt lock,...)

ACS Solution
Richard ANDRES
V Horkách 1730/3
140 00 Praha 4
Česká Republika
tel. +420 773 833 388
email: andres@acssolution.cz
www.acssolution.cz

The leader in door opening solution
www.zadlabacipruchodky.cz

POWER JACK - PERFORMANCE DIAGRAM



NEW POWER SUPPLY METHOD ON SLIDING DOORS: