

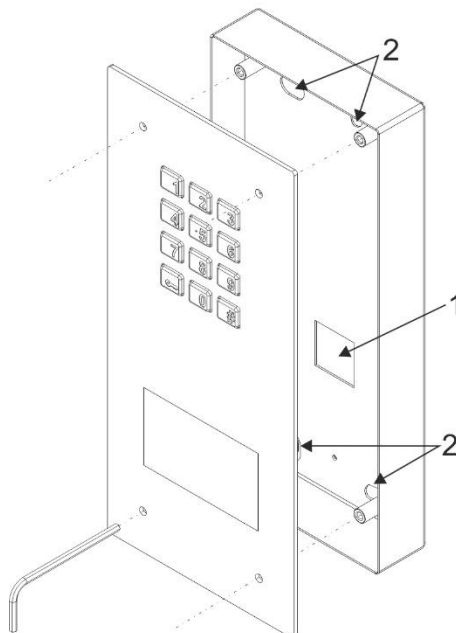


OPERATING AND INSTALLATION INSTRUCTIONS FOR THE INS-ZSACC STANDALONE CODE LOCK PLUS CARD AND KEY FOB READER

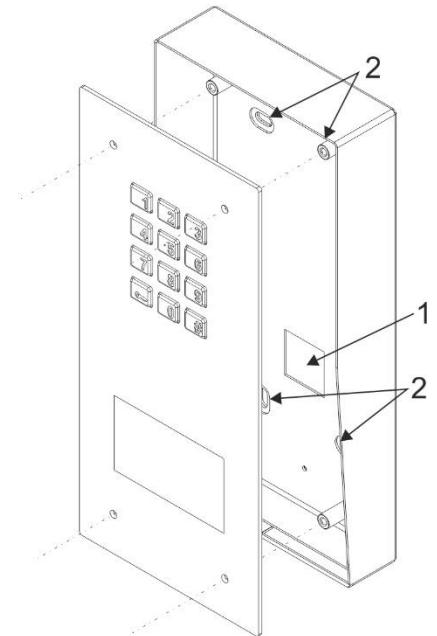


INS-ZS-ACC combines two autonomous devices INS-ZS and INS-ACC in one panel. It is a microprocessor-based device that integrates the features of a code lock and a proximity element reader used to control one or more outputs. The exit can be activated by using the right code or a proximity key fob/card assigned to relevant output. The devices can be configured as needed to work together to control a common output, it can also be configured separately for up to four independent outputs. It can directly control external devices such as an E-lock, reversible E-lock (output 1 only) or an optional relay which can be used to control any other device such as a magnetic e-lock, a barrier, etc.

Flush-mounted box



Surface-mounted box
INS-P-XS NT (INS-ZSACC)



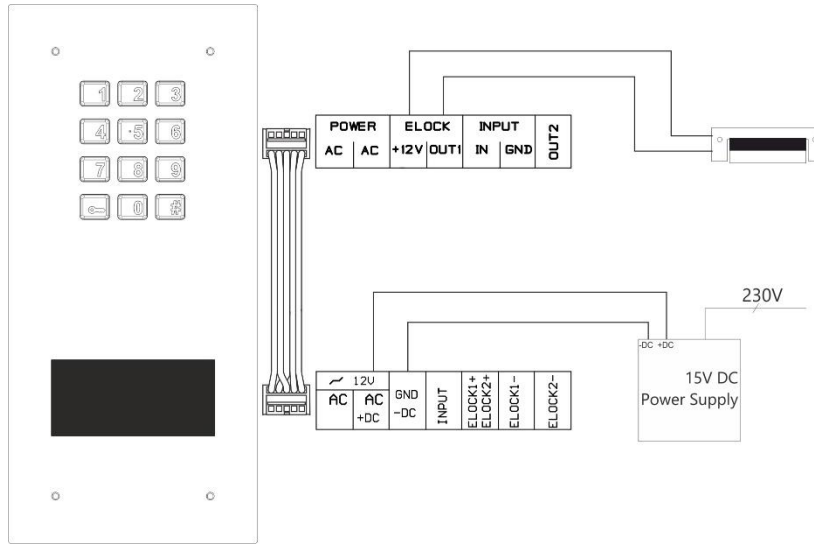
1. INSTALLATION

The INS-ZSACC box is flush mounted. Lead the wires through hole **1**. Fix the box with expansion bolts through holes **2**, when installing in soft materials, such as polystyrene, fix the box using mounting foam or plaster. Screw in the enclosure with 4 screws, using a size 3 Allen key.

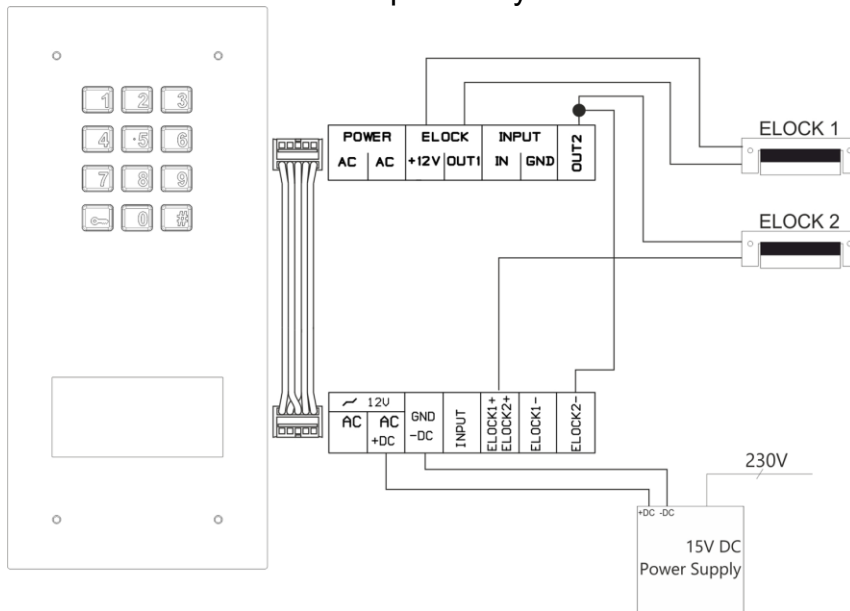
The device can also be surface-mounted using a surface-mounted box to be purchased separately (trade designation: INS-P-XS NT (INS-ZSACC)). Fix the surface-mounted box to the wall with expansion bolts through four holes **2**. Lead the wires through hole **1**. Screw in the enclosure with 4 screws, using a size 3 Allen key.

2. REFERENCE WIRING DIAGRAMS

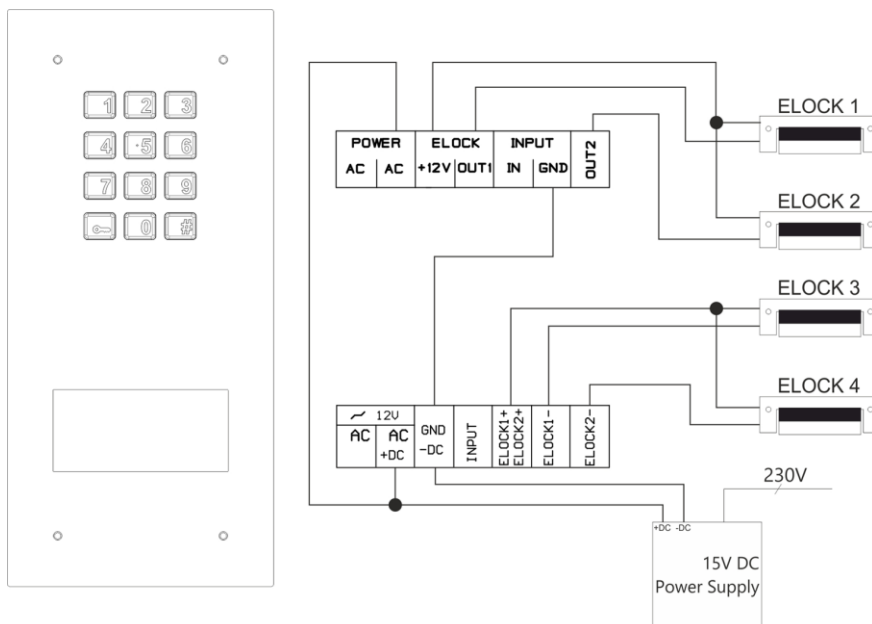
Both modules running together, parallel triggering of both modules for output 1



Both modules running together, parallel triggering of both modules for output 2, output 1 operated independently.



All module outputs operated independently of each other.
In this case, remove the EXTMOD plug and connect the power supply to both modules.



PLEASE NOTE!

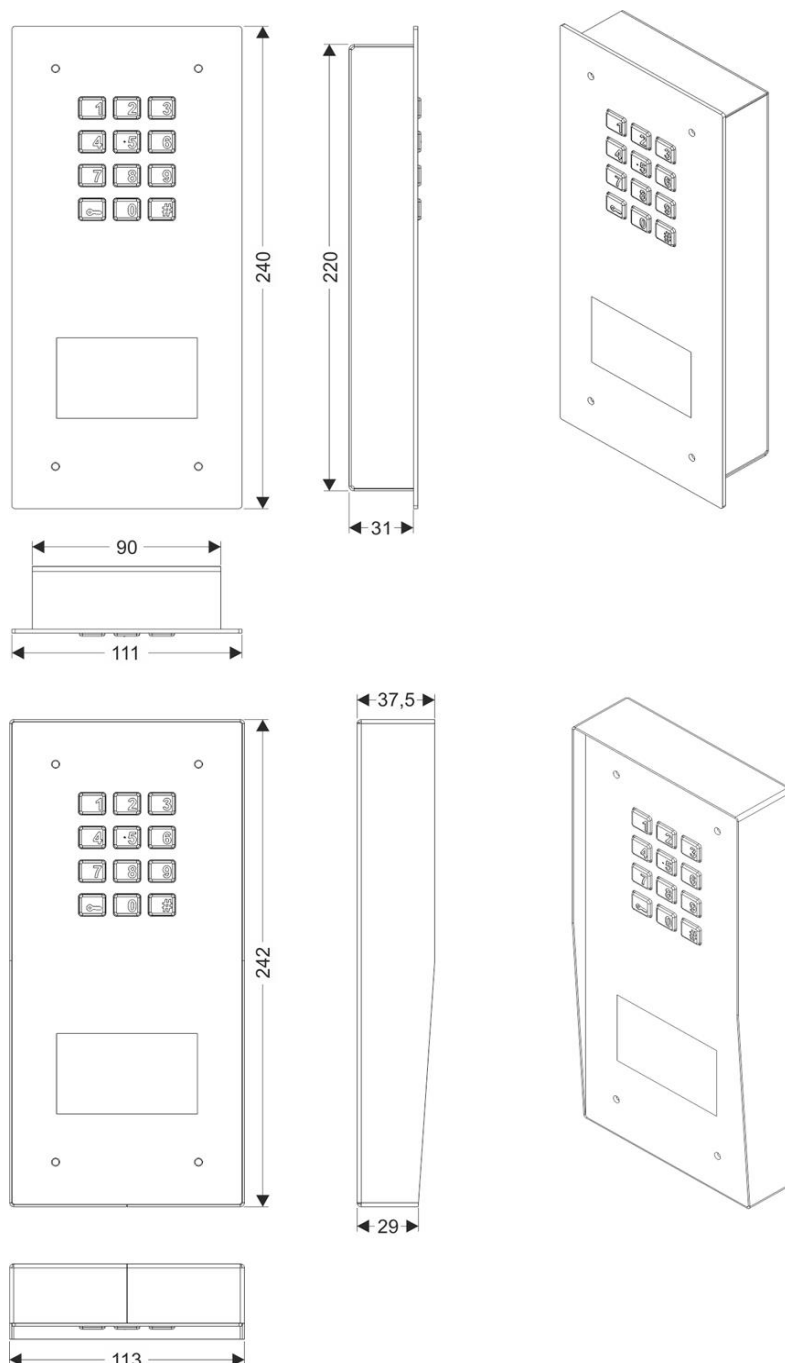
To ensure proper functioning and use safety, connect the door entry unit to earth by connecting the grounding terminal on unit's body with relevant protective installation (PE).

Use a 1 mm² cross-section cable (such as LY1,0) to connect the device to power supply. The maximum cable length for E-lock circuit is 7 m, for power supply circuit - 30 m. Insufficient power supply, too small cable cross-section and too long connections (voltage drops) may cause device operation disturbances (such as reset system trip and device restarting, especially when opening the E-lock).

Connect the 11.5V AC supply voltage to the 12V~ terminals, and if using a DC power supply unit, connect respectively: +DC of the power supply unit to AC terminals (any of the terminals), and -DC to GND terminals.

Connect the E-lock with no specific polarity to "ELOCK" terminals: +12V and OUT1 or OUT2, if using reversible E-lock solder jumper Z4 (on the left side of the board)! When using reversible E-lock, voltage appears at the "ELOCK" (+12V) output depending on the power supply or transformer used - use suitable reversible E-lock. It is also possible to use the MOD-DC-12V module for 12VDC power supply of reversible E-lock if the device is supplied by a 15VDC power supply or a transformer.

3. DIMENSIONS



For details on device operation, refer to the manuals for INS-ZS and INS-ACC standalone modules. Instructions and more information also available at www.wsparcie.aco.com.pl and www.aco.com.pl

IMPORTANT! When disinfecting panels made of stainless steel, use only alcohol-based cleaners. All types of chlorides (which are present in the composition of common cleaners) are harmful to the steel surface, because they abrade its natural protective coating and increase the risk of corrosion marks.

RULES FOR STORING WASTE ELECTRICAL EQUIPMENT

Waste electrical equipment must not be disposed of with other waste. It should be stored in places designated for this purpose. For this purpose, please contact the responsible institutions or companies involved in waste recycling. - Directive 2002/96/EC of 27.01.2003

ACO Sp. z o.o. sp. komandytowa, 62-002 Suchy Las, ul. Diamentowa 7, tel./ fax 61 843 93 72

www.aco.com.pl

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