AL20

CONTROL UNIT FOR 2 READERS

Features

→ Port for connection of up to 2 readers
→ Diagnostic LED diodes
→ Possibility to connect PIN readers
→ Anti-pass-back function
→ 2 relays for doorlock control
→ Inputs for door contacts
→ Inputs for exit buttons
→ Programmable PGM output
→ Outputs for EZS control
→ Tamper contact against case opening
→ OFF-LINE event log

AL20

This processing unit can handle 2 one-way entry points or one both way one and as such is universally usable when designing 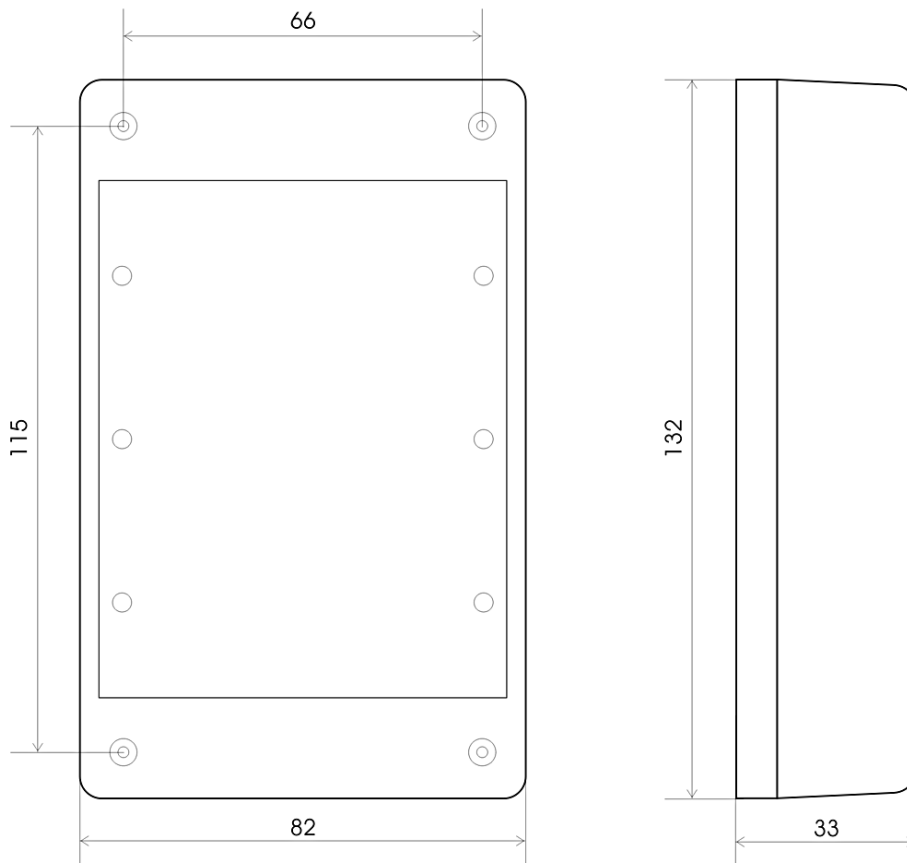and building small access systems and large ones as well ■ Two EDK2 readers or one WIEGAND protocol reader can be connected to this unit ■ Output relays control the doorlocks or turnstiles directly, while the inputs allow monitoring and signalling of door status ■ Any configuration happens from the computer ■ Access rights are defined by time windows, providing for limitless access rights assignment

Product Code	Description
AL20	Control Unit for 2 readers (EDK2, EDK3) or 1 WIEGAND RS232/RS485 communication
AL20-TCP	Control Unit for 2 readers, ETHERNET interface

When making the order, it is not necessary to differentiate the reader connection.
The selection of connected reader is made at the point of installation by a switch.

| LAN | R2 |
| RS232 RS485 | CERTIFIKOVÁNO NBÚ |

Type designation	AL 20	AL 20W (by settings)
Power Supply	DC 10 - 15V (typ. 12V)	
Input curent without connected readers	30 mA (@12V DC) +10 mA pinned to each relay	
Readers	2x EDK2, 2x EDK3	1x reader W26
Size (h x w x d)	80 x 130 x 34 mm	
Board size PS	95 x 75 x 20 mm	
Cover material	ABS – white/black	
Casing	IP 40	
Weight	200 g (90 g without cover)	
Working temperature	-20°C to +50°C	
Storage temperature	-40°C to +50°C	
Outputs	1x transfer relay, 1x switch relay, max 30V 2A Transistor output PGM 12V / 500 mA	
Inputs	1x door contact – stretching 1x exit button – switch	
Tamper	YES	
Comunication interface	RS232, RS 485	
Data format	serial ASCII, 9600, 19200, parity (N,E)	
Montage	Paritally sunk into the wall, two mountig points	