

Examples ACS configuration for 20, 80, 100, 200 subscribers



ACS General Features

Contents:

- Doorstation (BVD) with built-in **RFID**-reader:
BVD-313R – Economy class
BVD-342R, BVD-343R – Standard class
- Control unit (BUD)
- Electromagnetic lock VIZIT (ML) – **12VDC/0.6A max** или
 Electromechanical lock (EL) – **12VDC/1.5A max**
- exit button EXIT 300M
- commutator(s) (BK)*
- apartment handsets (UKP):
UKP-7 – Economy class
UKP-12, UKP-12M, UKP-12-1 – Standard class
- Concierge console (PK) - **TK401DN + TU412M1**

• Control units BUD-302K-20 and BUD-302K-80 have integrated commutators for 20 and 80 subscribers respectively.

Number of subscribers / apartments :

- BUD-302K-20 – up to **20**;
- BUD-302K-80 – up to **80**;
- BUD-302M – up to **200**;

Memory for VIZIT-RF keys:

- BUD-302K-20, BUD-302K-80 – up to **600**;
- BUD-302M – up to **2400**

Range of operating temperatures:

- BVD, -ML –40°C to +45°C
- BUD +1°C to +45°C
- EXIT 300M –10°C to +50°C
- BK, -PK –1°C to +40°C
- UKP –5°C to +45°C

BUD is used as power supply for the ACS

Mains voltage at 50Hz, BUD, TU412M1 - **230 VAC**

ACS power consumption, no more than **17W**

Power consumption is specified with regard to application of electromagnetic lock VIZIT, and does not depend on the number of connected UKPs.

BUD and BK are recommended to be installed inside Mounting Box VIZIT-MB1P

Requirements to connecting wires

Circuit	Maximal length, m			
	10	20	50	
BUD ↔ BVD	10	20	50	
BUD ↔ UKP	75	200	300	
BUD - Electromagnetic lock	-	30	50	
BUD - Electromechanical lock	-	10	30	
Wire	Diameter, mm	0,07	0,2	0,5
	Cross-section, mm ²	0,3	0,5	0,8

– Up to 20 subscribers – BUD-302K-20

– Up to 80 subscribers – BUD-302K-80

– Up to 30 subscribers – BUD-302M + BK-30M

– Up to 100 subscribers – BUD-302M + BK-100M

– Up to 200 subscribers – BUD-302M + 2 x BK-100M

– Up to 200 subscribers – BUD-302M + 50 x BK-4M

– Up to 200 subscribers – BUD-302M + 20 x BK-10

