

**4681/4****A/V UNIT FOR MAX. 4 USERS. SIMPLEBUS 2**

Colour audio-video unit for 2-wire systems with terminal block complete with directable colour camera with front adjustment, LED camera lighting, max 4 users.. Complete with terminal block and audio control with echo-cancelling, sealed-unit loudspeaker, electret microphone and front-mounted loudspeaker volume control. Complete with microprocessor and 8-position dip switch for programming calls to users. Programmable audiovisual functions for users with disabilities. On-board electronic lock-release function (3A) plus C, NC, NO contacts for 10A relay. Timed lock-release input and door open indication. Compatible with power supply unit art. 1210. Dimensions: 102x55x38 mm.



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GENERAL DATA

| | |
|-----------------------------|----------------------|
| Type | Audio and video unit |
| Height (mm) | 102 |
| Width (mm) | 55 |
| Depth (mm) | 43 |
| Product weight (g) | 200 |
| Product color | White |
| Type of finishing materials | ABS |

COMPATIBLE SYSTEMS

| | |
|---|-----|
| Simplebus 2 audio/video kit with power supply art. 1209 | Yes |
|---|-----|

AUDIO FEATURES

| | |
|--------------------------|--------------------------|
| Microphone | 9.7 (Ø), omnidirectional |
| Loudspeaker | 50mm (Ø), 8 Ohm, 0.2W |
| Technologies implemented | Echo canceling |

CAMERA FEATURES

| | |
|---------------------------|---------------------|
| Camera | Colours |
| Sensor type | 1/3" CMOS |
| Angle of view (H x V - °) | 87 x 64 |
| Sensitivity | 0.35 (F2.0 / 50IRE) |

ELECTRICAL CHARACTERISTICS

| | |
|----------------------------|---|
| Type of power supply | Power supply from video door entry bus, External power supply |
| Supply voltage | 33VDC |
| Absorption in stand-by (W) | 1.8 |
| Maximum absorption (W) | 5.7 |



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HARDWARE FEATURES

| | |
|------------------------|--|
| Clamps | L L V+V- RTE DO PR GND SE COM NC NO |
| Removable terminals | Yes |
| Number of inputs (n°) | 2 |
| Number of outputs (n°) | 2 |
| Type of outputs | Relay (C-NO-NC, 10A@12÷24 VAC/VDC), SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm) |

SETTINGS

| | |
|--------------------|-----|
| Loudspeaker volume | Yes |
|--------------------|-----|

PROGRAMMING MODE

| | |
|-------------------------------------|-----|
| Manual programming (via Dip Switch) | Yes |
|-------------------------------------|-----|

ENVIRONMENTAL AND COMPLIANCE FEATURES

| | |
|---------------------------------|--|
| Operating temperature (°C) | -25 ÷ 55 |
| Operating humidity (RH max) (%) | 25 ÷ 95 |
| Environmental class | IV |
| Certifications | RoHS II - 2011/65/UE (EN IEC 63000:2018), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011) |

MAIN FUNCTIONS

| | |
|-------------------------------------|-----|
| Door opener | Yes |
| Number of auxiliary relays (n°) | 1 |
| Input for local door release button | Yes |
| Door open signaling input | Yes |
| Visual indications of system status | Yes |
| Acoustic signals of system status | Yes |
| Speech synthesis of system status | Yes |