

**4680BM****A/V unit w/facility for BM-S2 module**

audio-video unit for Simplebus 2 system with Audio Induction Loop, complete with front-adjustable wide-angle 1/4" CCD colour camera and LED camera illumination. Complete with terminal block and digital audio management system with Echo-cancelling, watertight loudspeaker and electret microphone, speaker volume control on front panel. Complete with microprocessor and DIP SWITCH with 8 positions for programming calls to users. Audio-visual indications for disabled individuals assistance request can be activated via programming. 33 Vdc power supply via special power supply unit art. 1595. On-board electronic lock-release function (3A), plus a 10A relay. To be added to modules art. 33410, 33411 and 33412. Dimensions: 102x55x38 mm. Compatible with all Simplebus 2 functions and products. It can be used for the call addressing of up to 120,000 users. Timed lock-release input and door open indication.



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GENERAL DATA

Height (mm)	102
Width (mm)	55
Depth (mm)	43
Product weight (g)	200
Product color	White
Type of finishing materials	ABS

COMPATIBLE SYSTEMS

Audio/video Simplebus 2 with power supply art. 4888C	Yes
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AUDIO FEATURES

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

CAMERA FEATURES

Camera	Colours
Sensor type	1/3" CMOS
Sensitivity	0.35 (F2.0 / 50IRE)
Camera orientation	Vertical

ELECTRICAL CHARACTERISTICS

Type of power supply	Power supply from video door entry bus, External power supply
Supply voltage	33VDC
Maximum absorption (W)	13

HARDWARE FEATURES

Clamps	L L V+V- RTE DO PR GND SE COM NC NO
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HARDWARE FEATURES

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
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PROGRAMMING MODE

Manual programming (via Dip Switch)	Yes
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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