



Declaration of Performance



According to Construction Products Regulation (EU) No. 305/2011
 Document No: T-0667-0384.docx

1. Product Type:

Unique identification code of the product-type:

ASL Rack Mount VACIE

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Rack Mount VACIE made from VACIE components listed below

Product Name	Product Description	ASL Part No
BMB01	RS485 Interfaced Analogue and Digital I/O Expansion Unit	A0450100
BOA01	RJ45 DIN Terminal Breakout Adaptor – Single Port – With Terminations	A0641006
BOA02	RJ45 DIN Terminal Breakout Adaptor – Four Port – Straight Through	A0664244
BPC65	Battery Charger with Mounting Tray – 65Ah – Inc. Cables and Breakers	A0456260
BPC75	Battery Charger with Mounting Tray – 75Ah – Inc. Cables and Breakers	A0456275
BPC130	Battery Charger with Mounting Tray – 130Ah – Inc. Cables and Breakers	A0456270
D150	Amplifier Module 150W	ASL0623_1-002-ASSY
D500	Amplifier Module 500W	ASL0623_1-001-ASSY
EAP01	Emergency access point - All call emergency microphone	A0464610
EMS01 (MK2)	Emergency microphone station – All Call	A0664200
EMS01-EC (MK2)	Emergency microphone station - All call with euro-cylinder lock	A0664200 (EC)
EMS10	Emergency microphone station - 10 Button	A0664242
EMS10-EC	Emergency microphone station - 10 Button with euro-cylinder lock	A0664242 (EC)
EMS20	Emergency microphone station - 20 Button	A0664240
EMS20-EC	Emergency microphone station - 20 Button with euro-cylinder lock	A0664240 (EC)
EMS30	Emergency microphone station - 30 Button	Contact ASL
EMS40	Emergency microphone station - 40 Button	Contact ASL
EMS50	Emergency microphone station - 50 Button	P0664250
EMX30	Expansion module for EMS20 - 30 Button	A0664241
LSDDC	Dual Line Surveillance Interface	A0548805
LSZDC	Dual Line Surveillance Interface	A0623501
M100	Amplifier Module 100w	A0398100
M200	Amplifier Module 200w	A0398200
M400	Amplifier Module 400w	A0398400
MPS01-G	Desk paging and emergency microphone - 1 Button Gooseneck mic	P0664000
MPS01-F	Desk paging and emergency microphone - 1 Button Fist mic	P0664501
MPS10-G	Desk paging and emergency microphone - 10 Button Gooseneck mic	P0664500
MPS10-F	Desk paging and emergency microphone - 10 Button Fist mic	P0664511
MPS20-G	Desk paging and emergency microphone - 20 Button Gooseneck mic	P0664520
MPS20-F	Desk paging and emergency microphone - 20 Button Fist mic	P0664521
MPS30-G	Desk paging and emergency microphone - 30 Button Gooseneck mic	P0664530
MPS30-F	Desk paging and emergency microphone - 30 Button Fist mic	P0664531
MPS40-G	Desk paging and emergency microphone - 40 Button Gooseneck mic	P0664540
MPS40-F	Desk paging and emergency microphone - 40 Button Fist mic	P0664541
MPS50-G	Desk paging and emergency microphone - 50 Button Gooseneck mic	P0664550
MPS50-F	Desk paging and emergency microphone - 50 Button Fist mic	P0664551
MPX10	Microphone expansion module for MPS01 - 10 Button	A0664100
MPS01-MB	Wall mount bracket kit for MPS01	A0664120
MPX10-MB	Wall mount bracket kit for MPS10-20	A0664121
MX100	Amplifier Module 100W – MX Series	A0629100
MX200	Amplifier Module 200W – MX Series	A0629200
MX400	Amplifier Module 400W – MX Series	A0629400
Product Name	Product Description	ASL Part No

NETWORK-SWITCH-MM4	Multi-Mode Secure Loop Switch (2*Fibre, 2*RJ45)	211061
NETWORK-SWITCH-SM4	Single-Mode Secure Loop Switch (2*Fibre, 2*RJ45)	210879
NETWORK-SWITCH-MM8	Multi-Mode Secure Loop Switch (2*Fibre, 6*RJ45)	208118
NETWORK-SWITCH-SM8	Single-Mode Secure Loop Switch (2*Fibre, 6*RJ45)	208966
NETWORK-SWITCH-NF8	Secure Loop Switch (8*RJ45)	210877
NETWORK-SWITCH-LP01	Multi-Mode Secure Loop Switch (2*SFP, 8*RJ45)	211075
SFP-CU1G	SFP Module (Copper Ethernet)	210857
SFP-MM1GL	SFP Module (Multi-mode Fibre)	211074
SFP-MM1GC	SFP Module (Multi-mode Fibre)	210858
SFP-SM1G	SFP Module (Single-mode Fibre)	210859
SSINT	Standby Surveillance interface	A0398605
V2000	V2000 Amplifier frame for housing D series amplifiers and amplifier interfaces	A0623000
V2000-STBY	V2000 Standby Interface	A0623502
V400	V400 Amplifier frame for housing M series amplifiers and amplifier interfaces	A0398000
VAR4(EN54)	Router 4x4 DSP – EN54	A0450404
VAR12(EN54)	Router 12x12 DSP – EN54	A0450412
VAR20(EN54)	Router 20x20 DSP – EN54	A0450420
VIPEDIA-12	Vipedia 12*12 IP Voice Alarm Router	A0641200
VIPEDIA-12-NET	Vipedia 12*12 IP Voice Alarm Router with Networking Card (Consists of VIPEDIA-12 and VIPEDIA-NET)	A0641241
VIPEDIA-12-PRO	Vipedia 12*12 IP Voice Alarm Router with Dante DSP Audio (Consists of VIPEDIA-12 and VIPEDIA-PRO)	A0641242
VIPEDIA-NET	Vipedia-12 Network Card	A0641221
VIPEDIA-NET-4GB	Vipedia-12 Network Card with 4GB Audio Storage Inc. VIPA-0S	A0641221
VIPEDIA-PRO	Vipedia-12 Network Card with Dante DSP Audio Processor	A0641223
X400	X400 Amplifier frame for housing MX series amplifiers	A0629000

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Voice Alarm Control and Indicating Equipment
For Fire Detection and Fire Alarm Systems Installed In and Around Buildings.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Application Solutions (Safety and Security) Ltd.
Unit 17, Cliffe Industrial Estate
Lewes
East Sussex
BN8 6JL
U.K.

5. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable (see point 4)

6. AVCP:

System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:

System 1

7. Notified body (hEN):

In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:

BRE Global Assurance (Ireland) Ltd (Notified Body No: 2831) performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under System 1 and issued the EC certificate of conformity: **2831-CPR-F0143**

8. Notified body (ETA):

Not applicable (see point 7)

In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:

9. Declared performance

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the Harmonised European Standard(s) mentioned in the table below:

Essential characteristics	Performance	Harmonised technical specification
Performance of Power Supply	Pass	EN 54-4: 1997 +A1: 2002 + A2: 2006 Clauses: 4, 5, 6
Performance Under Fire Condition	Pass	EN 54-16: 2008 Clauses: 4, 5, 7, 10, 12, 16.5, 16.6, 16.7
Response Delay (response time to fire)	Pass	EN 54-16: 2008 Clauses: 7.1, 7.4, 7.8, 12
Operational reliability	Pass	EN 54-4: 1997 +A1: 2002 + A2: 2006 Clauses: 4, 5, 6, 7, 8 EN 54-16: 2008 Clauses: 4, 5, 6, 7, 8, 9, 11, 12, 13, 14
Durability of operational reliability: Temperature Resistance	Pass	EN 54-4: 1997 +A1: 2002 + A2: 2006 Clause: 9.5 EN 54-16: 2008 Clauses: 16.4, 16.8
Durability of operational reliability: Impact and Vibration Resistance	Pass	EN 54-4: 1997 +A1: 2002 + A2: 2006 Clauses: 9.7, 9.8, 9.15 EN 54-16: 2008 Clauses: 16.11, 16.12, 16.13
Durability of operational reliability: Electrical Stability	Pass	EN 54-4: 1997 +A1: 2002 + A2: 2006 Clauses: 9.9 to 9.13 EN 54-16: 2008 Clauses: 16.14, 16.15
Durability of operational reliability: Humidity Resistance	Pass	EN 54-4: 1997 +A1: 2002 + A2: 2006 Clauses: 9.6, 9.14 EN 54-16: 2008 Clauses: 16.9, 16.10

And

Options with Requirements	Performance	Harmonised technical specification
Manual silencing of the voice alarm condition	Pass	EN 54-16: 2008 Clause: 7.6.2
Manual reset of the voice alarm condition	Pass	EN 54-16: 2008 Clause: 7.7.2
Voice alarm condition output	Pass	EN 54-16: 2008 Clause: 7.9
Indication of faults related to transmission path to the CIE	Pass	EN 54-16: 2008 Clause: 8.3
Indication of faults related to voice alarm zones	Pass	EN 54-16: 2008 Clause: 8.4
Voice alarm manual control	Pass	EN 54-16: 2008 Clause: 10.0
Emergency microphones	Pass	EN 54-16: 2008 Clause: 12.0
Redundant power amplifiers	Pass	EN 54-16: 2008 Clause: 13.14

10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9, providing it is installed in accordance with ASL's instructions for use.

This declaration of performance [DoP] is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Peter Stewart
Technical Director


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Date: 18 December 2020

Ecology, Health and Safety Information



REACH

Each of the component items described above is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it.

For safe use follow the instructions given in the product data sheet.

RoHS

The component items described above are in conformity with Directives 2011/65/EU and 2015/863/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. Please see ASL's EC Declarations of Conformity.

Other Compliance

Please see ASL's EC Declarations of Conformity for further details.
