

# CERTIFICATE

**Advanced Electronics Ltd.**  
**The Bridges**  
**Balliol Business Park, Benton**  
**NE12 8EW Newcastle upon Tyne**

Certifikat nr.  
Certificate no.  
**232.268**

har på baggrund af vurderede systemegenskaber baseret på systemprøvningsrapport(er) for overensstemmelse mellem systembeskrivelse og gældende specifikationer i systemstandarder og/eller andre normative dokumenter opnået dette overensstemmelsescertifikat for systemet  
*has achieved this certificate of conformity based on evaluation of system approval test report(s) for conformity between system standards and(or) other normative documents for the system*

**MX-5000 System**                      **Automatisk Branddetekterings- og Alarm-system**  
**Automatic Fire Detection and Alarm System**

til anvendelse i automatiske brandalarmanlæg.  
*to be used in automatic fire detection and alarm systems.*

Certifikatet tilkendegiver overensstemmelse med kravene i følgende standarder og andre normative dokumenter:  
*The certificate signifies compliance with the requirements in the following standards and other normative documents:*

EN 54-13: 2005                      Fire detection and fire alarm systems – Part 13:  
Compatibility assessment of system components.

DBI Guideline 003                      Fire safety systems

Certifikatet er kun gældende så længe systemet er i overensstemmelse med ovennævnte samt kravene i certificeringsordningen.  
*The certificate is only valid as long as the system is in conformity with the above mentioned and the requirements of the certification system.*

Udstedt / Issued: 2021-10-15

Udløber/expire: 2023-06-22

Erstatter tidligere udstedt certifikat 2021-07-01

*Replace previous issued certificate 2021-07-01*



Allan Laursen



Merete Poulsen

**Bilag/Annex: 1**

**OMFANG/EXTENT**

Type Type	Produkt Product	Certifikat Certificate
<b>Kontrol og indikeringsudstyr (paneler)</b> <i>Control and Indicating Equipment (panels)</i>		
CIE + Integral PSE Apollo	Mx-5100 [1 Loop], Mx-5200 [2 Loop], Mx-5400 [4 Loop], Mx-5800 [8 Loop]	2809 - CPR - E0011
CIE + Integral PSE Advanced AV	Mx-5100V [1 Loop], Mx-5200V [2 Loop], Mx-5400V [4 Loop], Mx-5800V [8 Loop]	2809 - CPR - E0011
<b>Avancerede perible enheder</b> <i>Advanced Peripherals</i>		
Remote Terminal	MX-5030	Part of panel
Loop Driver Card 712-1097	Mxp-502	Part of panel
Sounder Active EOL 712-1107	Mxp-505	Part of panel
Routing Termination Card 712-1113	Mxp-506	Part of panel
2-Way Relay Card 712-1106	Mxp-507	Part of panel
Network Card 712-1079	Mxp-509	Part of panel
LED Indicator Card – 50 RD 712-1101-001	Mxp-513-050RD	Part of panel
LED Indicator Card – 25RD/25YL 712-1101-002	Mxp-513-050RY	Part of panel
LED Indicator Card – 50 YL 712-1101-003	Mxp-513-050YL	Part of panel
Battery Temperature Sensor	Mxp-501	Part of panel
BMS Interface	Mxp-510	Network peripheral
Printer	Mxp-512	Part of panel
LED Indicator Card – 200RD/YL	Mxp-513-200RY	Part of panel
LED Indicator Card – 50RD/YL	Mxp-513-050CRY	Part of panel
LED Indicator Card – 30RD/YL, 20GN/YL	Mxp-513-050CRYG	Part of panel

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## OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
AC Filter Card	Mxp-514	Part of panel
Routing / Protection Interface	Mxp-532	Part of panel
10-Way Input Card	Mxp-536	Part of panel
8-Way Zone Input Card	Mxp-537	Part of panel
16-Way Switch/ 48-Way LED	Mxp-538	Part of panel
16-Way Input / 48-Way Output	Mxp-539	Part of panel
8-Way Relay Card	Mxp-544	Part of panel
ESPA Interface Card	Mxp-547	Part of panel
LAN Interface	Mxp-554	Network peripheral
Peripheral Expansion Network Node	Mxp-545	Network peripheral
Loop Driver Card 712-1189	Mxp-568	Part of panel
4-Way Sounder Card	Mxp-034	Part of panel
4-Way Relay Card	Mxp-035	Part of panel
50-Way I/O Card	Mxp-045	Network peripheral
<b>Ilo enheder</b> <b>Apollo devices</b>		
Analogue heat detector	55000-420	2531-CPR-CSP10913
Analogue heat detector (CS)	55000-401	2531-CPR-CSP10916
Analogue optical smoke detector	55000-620	2531-CPR-CSP10924
Analogue heat detector	58000-400	2531-CPR-CSP10936

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## OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Analogue ionisation smoke detector	58000-500	2531-CPR-CSP10940
Analogue optical smoke detector	58000-600	2531-CPR-CSP10942
Analogue multi sensor detector	58000-700	2531-CPR-CSP10946
Analogue flame detector (UV)	55000-022	0832-CPR-F0354
Analogue flame detector (UV/IR)	55000-023	0832-CPR-F0355
Analogue flame detector (IR)	55000-024	2831-CPR-F0356
Analogue heat / CO detector	58000-305	2531-CPR-CSP10932
Manual Call Point	55100-905	2531-CPR-CSP11011
Manual call point with isolator	55100-908	2531-CPR-CSP11013
Manual call point with isolator-weatherproof	58100-951	2531-CPR-CSP11020
Manual call point with isolator – weatherproof	58200-951	0905-CPR-00186
IS Protocol Translator – Single Channel	55000-855	2531-CPR-CSP11047
IS Protocol Translator – Dual Channel	55000-856	2531-CPR-CSP11048
IS Analogue heat detector	55000-440	2531-CPR-CSP10920
IS Analogue ionisation smoke detector	55000-540	2531-CPR-CSP10923
IS Analogue optical smoke detector	55000-640	2531-CPR-CSP10929
IS Manual Call Point	55100-940	2531-CPR-CSP11014
Beam Detector	55000-268	0786-CPD-20313 DoP 0786-CPD-20313
Beam Detector	55000-273	0786-CPD-20313 DoP 0786-CPD-20313

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## OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Isolator Mounted on socket 45681-211	55000-720	2531-CPR-CSP11142
Switch monitor	55000-760	2531-CPR-CSP11042
Zone monitor with isolator	55000-845	2531-CPR-CSP11143
Sounder control unit [DIN]	55000-182	2531-CPR-CSP11127
Isolator – Dual [DIN]	55000-802	2531-CPR-CSP11044
Zone monitor with isolator [DIN]	55000-812	2531-CPR-CSP11045
Socket with isolator	45681-284	2531-CPR-CSP11176
Socket with relay	45681-242	2531-CPR-CSP11115
Socket with Sounder and with isolator	45681-277	2531-CPR-CSP11033
Socket with Sounder, Beacon and with isolator	45681-330	0832-CPR-F1409
Socket with Sounder, beacon and with isolator	45681-393	2531-CPR-CSP10876
Sounder (Red)	55000-001	2831-CPR-F2103
Sounder (White)	55000-002	2831-CPR-F2103
Sounder and Beacon (Red Lens)	55000-005	2831-CPR-F2104
Sounder and Beacon (Clear Lens)	55000-006	2831-CPR-F2104
Sounder with isolator (Red)	55000-293	2531-CPR-CSP11136
Sounder with isolator (White)	55000-294	2531-CPR-CSP11136
Sounder and Beacon - Red	58000-005	2831-CPR-F1494
Sounder and Beacon - White	58000-007	2831-CPR-F1494

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## OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Beacon	55000-877/ 55000-878/ 55000-879	Type 2 component
Beacon	55000-009/ 55000-010	Type 2 component
Voice Sounder with isolator (Red)	58000-010	2531-CPR-CSP11147
Voice Sounder with isolator (White)	58000-020	2531-CPR-CSP11147
Voice Sounder beacon with isolator (Red)	58000-030	2531-CPR-CSP11148
Voice Sounder beacon with isolator (White)	58000-040	2531-CPR-CSP11148
Switch monitor with isolator	SA4700-100	2531-CPR-CSP10991
I/O unit with isolator with isolator	SA4700-102	2531-CPR-CSP10991
AC Mains I/O unit with isolator	SA4700-103	2531-CPR-CSP11049
I/O unit with isolator	SA4700-104	2531-CPR-CSP10991
Switch Monitor [DIN] with isolator	SA7400-300	2531-CPR-CSP10991
I/O unit with isolator	SA4700-302	2531-CPR-CSP10991
AC Mains I/O unit with isolator (DIN Rail)	SA4700-403	2531-CPR-CSP11049
Dual Monitored Input with isolator	SA6700-100	2531-CPR-CSP11050
<b>Wireless Devices:</b>		
Xpander Wireless, Interface unit	XPA-IN-14007	0359-CPD-0019 0359-CPD-0034 DoP CD0009-FG-V3
Xpander Wireless, Manual call point	XPA-MC-14006	0905-CPR-00033
Xpander Wireless, Smoke detector and base	XPA-CB-12034 comprising XPA-OH-12034 and XPA-WB-10022	0905-CPR-00681 0950-CPR-00073

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Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Xpander Wireless, Multi-sensor Smoke detector and base	XPA-CB-13032 comprising XPA-OH-13032 and XPA-WB-10022	0905-CPR-00699 0950-CPR-00073
Xpander Wireless, Heat detector CS and base	XPA-CB-11170 comprising XPA-HT-11170 and XPA-WB-10022	0905-CPR-00695
Xpander Wireless, Heat detector A1R	XPA-CB-11171 comprising XPA-HT-11171 and XPA-WB-10022	0905-CPR-00695
Xpander Wireless, Alarm Device Sounder (Red) and base	XPA-CB-14001 comprising XPA-SO-14001 and XPA-SB-10023	0359-CPD-0014 0359-CPD-0036 DoP CD0005-SOUNDERS
Xpander Wireless, Alarm Device Sounder (White) and base	XPA-CB-14002 comprising XPA-SO-14002 and XPA-SB-10024	0359-CPD-0014 0359-CPD-0036 DoP CD0005-SOUNDERS
Xpander Wireless, Alarm Device Sounder Strobe (Red / Red Lens)	XPA-CB-14003 comprising XPA-SN-14003 and XPA-SB-10023	0359-CPD-0014 0359-CPD-0036 DoP CD0005-SOUNDERS
Xpander Wireless, Alarm Device Sounder Strobe (White / Amber Lens)	XPA-CB-14004 comprising XPA-SN-14004 and XPA-SB-10024	0359-CPD-0014 0359-CPD-0036 DoP CD0005-SOUNDERS
Xpander Wireless, Alarm Device Sounder Strobe (White / Clear Lens)	XPA-CB-14005 comprising XPA-SN-14005 and XPA-SB-10024	0359-CPD-0014 0359-CPD-0036 DoP CD0005-SOUNDERS
Xpander Input / Output – Single	XPA-IN-14011	0905-CPR-00035
Xpander Input / Output – Dual	XPA-IN-14012	0905-CPR-00035
<b>Conventional Devices: Use in conjunction with MXP-536</b>		
Optical Smoke detector	55000-317	2531-CPR-CSP10907
Ionization Smoke detector	55000-217	2531-CPR-CSP11130
Heat detector A1R	55000-122	2531-CPR-CSP10881
Heat detector BR	55000-127	2531-CPR-CSP10887

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## OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Heat detector CR	55000-132	2531-CPR-CSP10893
Heat detector CS	55000-137	2531-CPR-CSP10899
Optical Smoke detector	ORB-OP-12001	2531-CPR-CSP10968
Multi-sensor detector	ORB-OP-13001	2531-CPR-CSP11156
Heat detector A1R	ORB-OH-11001	2531-CPR-CSP10954
Heat detector A2S	ORB-OH-11002	2531-CPR-CSP10959
Heat detector BR	ORB-OH-11003	2531-CPR-CSP10960
Heat detector BS	ORB-OH-11004	2531-CPR-CSP10961
Heat detector CR	ORB-OH-11005	2531-CPR-CSP10962
Heat detector CS	ORB-OH-11006	2531-CPR-CSP10963
<b>ADVANCED AV enheder</b> <b>ADVANCED AV devices</b>		
Analogue Optical Smoke Detector with isolator	AXIS-OPX	2831-CPR-F0906
Adressable Multi-Criteria Detector, Opt. Smoke/Heat with isolator	AXIS-OHX	2831-CPR-F0907
Analogue Class P Heat Detector with isolator	AXIS-HTX	2831-CPR-F0908
Analogue Optical Smoke Detector	20-LV100-ADV	2831-CPR-F2766
Analogue Multi-Sensor Detector, Opt. Smoke/Heat	20-LV200-ADV	2831-CPR-F2767
Analogue Heat Detector	20-LV350-ADV	2831-CPR-F2765
Manual Call Point with isolator	AXIS-CP	2831-CPR-F4599
Monitored Input Module with isolator	20-VMI100-ADV	2797-CPR-533485/KM639251



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## OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Monitored Input Module with isolator	20-VMMI100-ADV	2797-CPR-533485/KM639251
Monitored Output Module with isolator	20-VMC100-ADV	2797-CPR-533485/KM639251
Monitored Output Module with isolato	20-VMMC100-ADV	2797-CPR-533485/KM639251
Relay Output Module with isolator	20-VMC120-ADV	2797-CPR-533485/KM639251
Relay Output Module with isolator	20-VMMC120-ADV	2797-CPR-533485/KM639251
Monitored Input / Output Module with isolator	20-VMIC100-ADV	2797-CPR-533485/KM639251
Monitored Input / Output Module with isolator	20-VMMIC100-ADV	2797-CPR-533485/KM639251
Monitored Input/Relay Output Module with isolator	20-VMIC120-ADV	2797-CPR-533485/KM639251
Monitored Input/Relay Output Module with isolator	20-VMMIC120-ADV	2797-CPR-533485/KM639251
4 Input / 4 Relay Output Module with isolator	20-VMIC404-ADV	0051-CPR-1837
6 Input / 2 Relay Output Module with isolator	20-VMIC602-ADV	0051-CPR-1839
4 Input / 2 Relay Output / 2 Monitored Output Module with isolator	20-VMIC422-ADV	0051-CPR-1838
Wall Sounder – Red with isolator	20-VLS100-ADV	0832-CPD-1121 DoP VE0422CPR2013
Sounder	AXIS-S2AMB	0051-CPR-1263
<b>Wireless Devices:</b>		
Wireless Translator Module with isolator	20-VW2W100-ADV	2831-CPR-F2170
Wireless Optical Smoke Detector	20-SG100-ADV	2831-CPR-F4041
Wireless Optical Smoke / Heat Detector	20-SG200-ADV	2831-CPR-F0217
Wireless Heat Detector	20-SG350-ADV	2831-CPR-F4040

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## OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Wireless Wall Sounder – Red	20-SGRS100-ADV	0832-CPD-1686 /DoP SGRS100
Wireless Wall Sounder – White	20-SGRS100/W-ADV	0832-CPD-1686 /DoP SGRS100
Wireless Wall Sounder (Euro tones)	20-SGRS100-H-ADV	0832-CPD-1688 /DoP SGRS100-H
Wireless Wall Sounder (Euro tones) White	20-SGRS100-H/W-ADV	0832-CPD-1688 /DoP SGRS100-H
Wireless Sounder Beacon	20-SGRS100-AV-ADV	0832-CPD-1687 /DoP SGRS100-AV
Wireless Sounder Beacon White	20-SGRS100-AV/W-ADV	0832-CPD-1687 /DoP SGRS100-AV
<b>Conventional Devices: Use in conjunction with MXP-536</b>		
Conventional Optical Smoke Detector	20-S1000-ADV	2831-CPR-F2768
Conventional Heat Detector	20-S3500-ADV	2831-CPR-F2769
<b>ANDRE</b>		
<b>OTHER</b>		
The following device uses clean contact interfacing techniques and is connected to the system via standard loop interface modules. An application note 680-180 has been prepared showing the recommended method for connection.		
Aspirating Smoke Detector	ASD 535	0786-CPD-20600 /DoP ASD535 CPR-11-13-101

Bilag/Annex: 2

**PRØVNINGS  
DOKUMENTATION**  
*TEST DOKUMENTATION*

<b>Akkediteret laboratorium <i>Accredited laboratory</i></b>	<b>Rapport nr <i>Report no.</i></b>	<b>Dato <i>Date</i></b>
VdS	BMA10029	03.03.2010
BSi	244/7756376	21 September 2011
VdS	BMA13106	15.11.2013
BSi	244/7230624	2008-10-20
VdS	BMA 181461-AU01+BZA03-PB01	2018-07-12

Bilag/Annex: 3

**TEKNISK DOKUMENTATION**  
**TECHNICAL DOCUMENTATION**

<b>Titel Name</b>	<b>Reference Refence</b>	<b>Dato Date</b>
Installationsmanual <i>Installation Manual</i>	680-165	Revision 07
Brugermanual <i>User guide</i>	680-166-TTCDK	Revision 04/TTCDK
Installationsvejledning <i>Application Note</i>	680-180-01 ASD 535 Interface	Revision 01
Installation tillæg <i>Installation Addendum</i>	680-195 – Rack Mount Panels	Revision 01
Manual Apollo dele <i>Manual Apollo devices</i>	680-167	-07a

Bilag/Annex: 4

## AFVIGELSER *DEVIANCE*

**Intet.**  
*None.*