

CERTIFICATE

Advanced Electronics Ltd.
The Bridges, Balliol Busniss Park
Longbenton
North Tyneside
NE12 8EW
UK

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: 2020-06-22

Udløber/expire: 2023-06-22

Erstatter tidligere udstedt certifikat 2019-10-10
Replace previous issued certificate 2019-10-10


Allan Laursen


Merete Poulsen

Bilag/Annex: 1

OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Kontrol og indikeringsudstyr (paneler) <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
Avancerede perible enheder <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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Type Type	Produkt Product	Certifikat Certificate
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
Ilo enheder Apollo devices		
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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Type Type	Produkt Product	Certifikat Certificate
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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Type Type	Produkt Product	Certifikat Certificate
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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Type Type	Produkt Product	Certifikat Certificate
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
Wireless Devices:		
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 Type	Produkt Product	Certifikat Certificate
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
Conventional Devices: Use in conjunction with MXP-536		
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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Type Type	Produkt Product	Certifikat Certificate
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
ADVANCED AV enheder ADVANCED AV devices		
Analogue Optical Smoke Detector with isolator	20-V100-ADV	2831-CPR-F4308
Analogue Multi-Sensor Detector, Opt. Smoke/Heat with isolator	20-V200-ADV	2831-CPR-F4309
Analogue Heat Detector with isolator	20-V350-ADV	2831-CPR-F4307
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	20-VCP100-ADV	2831-CPR-F4306
Monitored Input Module with isolator	20-VMI100-ADV	2797-CPR-533485/KM639251

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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 isolator	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
Socket with sounder and with isolator	VBS100/32	2831-CPR-F0096
Wireless Devices:		
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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Type Type	Produkt Product	Certifikat Certificate
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
Conventional Devices: Use in conjunction with MXP-536		
Conventional Optical Smoke Detector	20-S1000-ADV	2831-CPR-F2768
Conventional Heat Detector	20-S3500-ADV	2831-CPR-F2769
ANDRE OTHER		
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

PRØVNINGSdokUMENTATION
TEST DOKUMENTATION

Akkediteret laboratorium <i>Accredited laboratory</i>	Rapport nr <i>Report no.</i>	Dato <i>Date</i>
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

Titel Name	Reference Refence	Revision Revision
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
Manual Advance AV dele <i>Manual Advance AV devices</i>	680-169	Revision 01A

Bilag/Annex: 4

AFVIGELSER *DEVIANCE*

Intet.
None.