

CERTIFICATE

Schneider Electric Danmark A/S
Lautrupvang 1
2750 Ballerup

Certifikat nr.
Certificate no.
232.234

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 overensstemmelsecertifikat 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

FX-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 54-13:2017+A1:2019 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*: 2021-11-26
Udløber/*expire*: 2024-11-26
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
Control and indicating equipment with power supply equipment	FX 8 Loop Analouge Adressable CIE	2831-CPR-F0970
Control and indicating equipment with power supply equipment	FXL 8 Loop Analouge Adressable CIE	2831-CPR-F0971
Control and indicating equipment with power supply equipment	FXM 4 Loop Analouge Adressable CIE	2831-CPR-F0972
System sensor:		
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization with short circuit isolator	ESMI22051TLEI	0786-CPR-2097
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization with short circuit isolator	ESMI22051TEI	0786-CPR-2098
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization	ESMI22051EI	0786-CPR-20699
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization	ESMI22051TLE	0786-CPR-20703
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization	ESMI22051TE	0786-CPR-20704
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	ESMI22051E	0786-CPR-20705
Heat detectors - Point detectors with short circuit isolator	ESMI52051EI	0786-CPD-20700 and DoP DOP-IFD185
Heat detectors - Point detectors with short circuit isolator	ESMI52051HTEI	0786-CPD-20701 and DoP DOP-IFD187
Heat detectors - Point detectors with short circuit isolator	ESMI52051REI	0786-CPD-20702 and DoP DOP-IFD183
Heat detectors - Point detectors	ESMI52051E	0786-CPD-20706 and DoP DOP-IFD184
Heat detectors - Point detectors	ESMI52051HTE	0786-CPD-20707 and DoP DOP-IFD186
Heat detectors - Point detectors	ESMI52051RE	0786-CPD-20708 and DoP DOP-IFD182

Bilag/Annex: 1

OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization	ESMI2251CTLE-yy	2831-CPR-F1325
Input/output devices with short circuit isolator	EM210E,EM220E	0786-CPR-21655
Input/output devices with short circuit isolator	EM201E, EM201E-240	0786-CPR-21660
Input/output devices with short circuit isolator	EM201E240	0786-CPR-21660
Input/output devices with short circuit isolator	EM221E	0786-CPR-21650
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	ED2351E	2831-CPR-F1320
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization	ED23511TEM	2831-CPR-F1324
Heat detectors - Point detectors	ED4351E	2831-CPR-F1322
Heat detectors - Point detectors	ED5351E	2831-CPR-F1321
Short circuit isolator	EM200XE	0786-CPR-21645
Sounder with short circuit isolator	BSO-PP-I33	2831-CPR-F1953
Sounder	BSO-PP-N33	2831-CPR-F1949
Sounder with short circuit isolator	BSS-PR-I33	2831-CPR-F1954
Sounder	BSS-PR-N33	2831-CPR-F1950
Sounder with short circuit isolator	WSO-PR-I33	2831-CPR-F1951
Sounder	WSO-PR-N33	2831-CPR-F1947
Sounder with short circuit isolator	WSS-PR-I33	2831-CPR-F1952
Sounder	WSS-PR-N33	2831-CPR-F1948

Bilag/Annex: 1

OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Manual call points with short circuit isolator	MCP5-RP02	2831-CPR-F1735
Manual call points with short circuit isolator	WCP5A	2831-CPR-F1737
Apollo Analoge adresserbare systemdele/ Analogue addressable system parts.		
Heat detectors - Point detectors	55000-420 APO XP95 (Class A2S)	2531-CPR-CSP10913
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	55000-620APO XP95	2531-CPR-CSP10924
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	55000-885 XP95	2531-CPR-CSP10930
Heat detectors - Point detectors	55000-440APO XP95 (Class A2S)	2531-CPR-CSP10920
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	55000-540	2531-CPR-CSP10923
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	55000-640APO XP95	2531-CPR-CSP10929
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	EDI-20 ESMI (58000-600)	2531-CPR-CSP10943
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	EDI-50 ESMI (58000-400)	2531-CPR-CSP10935
Heat and Smoke detectors - Point detectors using scattered light, transmitted light or ionization	EDI-30 ESMI (5800-700)	2531-CPR-CSP10947
Sounders	5500-278	2531-CPR-CSP11134
Sounders with short circuit isolator	ESI-20 ESMI (45681-277)	2531-CPR-CSP11096
Sounders with short circuit isolator	ESI-20 ESMI (45681-277)	2531-CPR-CSP11103
Sounders	ESI-30 ESMI (45681-278)	2531-CPR-CSP11107
Sounders	ESI-30 ESMI (45681-278)	2531-CPR-CSP11108

Bilag/Annex: 1

OMFANG/EXTENT

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Sounders with short circuit isolator	ESI-60 ESMI (45681-330)	2531-CPR-CSP11182
Sounders	ESI-10 ESMI (45681-276)	2531-CPR-CSP11094
Sounders with short circuit isolator	EMI-301/S ESMI (55000-851)	2531-CPR-CSP11075
Visual alarm devices	EMI55000877ESM, ESI-80	Accepteret systemsamvirke
Visual alarm devices	EMI58832070ESM ERI-10	Accepteret systemsamvirke
Short circuit isolator	EMI-400 ESMI DIN-Rail Dual Isolator (55000-802)	2531-CPR-CSP11072
Input/ output devices with short circuit isolator	EMI-310/CZ ESMI Zone Module with Isolator (55000-844)	2531-CPR-CSP11074
Input/ output devices	55000-855 XP95	2531-CPR-CSP11047
Heat detectors - Point detectors with short circuit isolator	EDE221-I ESMI Essentia Heat Detector with SCI (FFS06720302)	2531-CPR-CSP10981
Smoke detectors - Point detectors using scattered light, transmitted light or ionization with short circuit isolator	EDE222-I ESMI Essentia Optical Smoke Detector with SCI (FFS06720301)	2531-CPR-CSP10985
Input/ output devices with short circuit isolator	EME216-I ESMI Twin Input/Output unit with SCI (FFS06720316)	2531-CPR-CSP11088
Input/ output devices with short circuit isolator	EME211-I ESMI Twin Switch Monitor with SCI (FFS06720317)	2531-CPR-CSP11088
Input/ output devices with short circuit isolator	EME210-I ESMI Essentia Switch Monitor with SCI (FFS06720311)	2531-CPR-CSP11077
Input/ output devices with short circuit isolator	EME212-I ESMI Essentia Intelligent I/O unit with SCI (FFS06720312)	2531-CPR-CSP11077
Input/ output devices with short circuit isolator	EME213-I ESMI DIN-Rail I/O unit with SCI (FFS06720313)	2531-CPR-CSP11077
Input/ output devices with short circuit isolator	EME214-I ESMI DIN-Rail Switch Monitor with SCI (FFS06720314)	2531-CPR-CSP11077
Input/ output devices with short circuit isolator	EME215-I ESMI Essentia Mains Switching I/O unit with SCI	2531-CPR-CSP11082
Smoke detectors - Point detectors using scattered light, transmitted light or ionization with short circuit isolator	EDE223-I ESMI Essentia Smoke/Heat Multi-Criteria Detector with SCI (FFS06720303)	2531-CPR-CSP10989

Bilag/Annex: 1

OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Manual call point with short circuit isolator	ECE221-I ESMI Essentia Intelligent Analogue addressable manual call point with SCI (FFS06720318)	2531-CPR-CSP11030
<i>Series 65 Ion røgdetektor / Series 65 ionisation Smoke Detector</i>		
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	55000-216 Series 65 conventional ionization smoke detector	2531-CPR-CSP11129
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	55000-217 Series 65 conventional ionization smoke detector	2531-CPR-CSP11130
<i>Series 65 Optiske røgdetektor, konventionel / Series 65 Optical Smoke Detector, conventional</i>		
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	55000-317 Series 65 Conventional Optical Smoke Detector.	2531-CPR-CSP10907
<i>Series 65 termidetektor, konventionel / Series 65 Heat Detector, conventional</i>		
Heat detectors - Point detectors	55000-122 Series 65 Conventional Class A1R Heat Detector	2531-CPR-CSP10881
Heat detectors - Point detectors	EDC-50/A1S ESMI Conventia Class A1S	2531-CPR-CSP10965
Intellia series of addressable devices.		
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	XPA-OP-12034-APO	0905-CPR-00681
Smoke detectors - Point detectors using scattered light, transmitted light or ionization	XPA-CB-13032-APO	0905-CPR-00699
Heat detectors - Point detectors	XPA-HT-11170-APO	0905-CPR-00695
Heat detectors - Point detectors	XPA-HT-11171-APO	0905-CPR-00695
Manual call points Components using radio links	XPA-MC-14006-APO	0905-CPR-00033
Components using radio links	XPA-WB-10022-APO Wireless Detector Base	0905-CPR-00037
Manual call point	55100-940 XP95 IS	2531-CPR-CSP11014

Bilag/Annex: 1

OMFANG/*EXTENT*

Type <i>Type</i>	Produkt <i>Product</i>	Certifikat <i>Certificate</i>
Sounders	55000-005-APO	2831-CPR-F2104
Flame detectors - Point detectors	55000-023 XP95 UV/IR2 Flame Detector	2831-CPR-F0355
Flame detectors - Point detectors	55000-024 XP95 IR3 Flame Detector	2831-CPR-F0356
Manual call point with short-circuit isolator	58100-951	2531-CPR-CSP11020

Bilag/Annex: 2

PRØVNINGS DOKUMENTATION

TEST DOKUMENTATION

Akkediteret laboratorium <i>Accredited laboratory</i>	Rapport nr <i>Report no.</i>	Dato <i>Date</i>
DELTA: Test report Testing of system compatibility for the automatic fire alarm system type FX	DANAK-199780	2005-09-23
DELTA: Supplementary testing of system compatibility for the FX-system	DANAK-199832	2007-01-15
DELTA	DANAK-1910889 Project no.: A530784-1	17 May 2010
ANPI	BFS/DE/S/032	2013.12.02
DELTA	Danak-1911231 Project no.:A530784-02-1	17 January 2011
DELTA	DANAK -1911331 Project no.: A530858-1	31 August 2011
LPCB	WBH162 Conformity letter for loop card functionality in the CIE	18 June 2012

Bilag/Annex: 3

TEKNISK DOKUMENTATION
TECHNICAL DOCUMENTATION

Titel Name	Reference Refence	Dato Date
FX 3NET Brandalarmeringssystem. Brugermanual	66571774GB1	37-2012
FX 3NET+SLC FIRE ALARM SYSTEM. Planning Instruction	66571758GBO	49-2011
FX 3NET+SLC FIRE ALARM SYSTEM. Planning Instruction	66571759GB1	4-2013
FX 3NET+ALC FIRE ALARM SYSTEM. Planning Instruction	66571761GBO	49-2011
FX 3NET+ALC FIRE ALARM SYSTEM. Planning Instruction	66571762GBO	49-2011
FX 3NET+ALC FIRE ALARM SYSTEM. Planning Instruction	66571763GBO	49-2011
FX 3NET Configuration Data	66571783GBO	02-2012
FX 3NET Configuration Data	66571783GB2	40-2012
FX 3NET FIRE ALARM SYSTEM Installation Instruction	66571824GB2	49-2013
FX 3NET FIRE ALARM SYSTEM Installation Instruction	66571825GB2	49-2013

Bilag/Annex: 4

AFVIGELSER *DEVIANCE*

The system compatibility between the fire alarm system FX/FXM and FXL/FXS mounted with FX-SLC loop card and tested objects, exists, if the following requirements are met:

- The continuous and instantaneous switching current through short circuit isolators are less than or equal to 900 mA at 29 VDC loop voltage

That the EM210E-CZ and EM210E-CZR (conventional zone module) is powered externally