

CERTIFICATE

Siemens A/S
Borupvang 9
2750 Ballerup

Certifikat nr.
Certificate no.

232.241

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

Sinteso FS20

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*: 2020-03-24

Udløber/*expire*: 2023-03-24

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



Merete Poulsen



Allan Laursen

Bilag/Annex: 1

OMFANG/EXTENT

| Type Type | Produkt Product | Certifikat Certificate |
|--------------|-------------------------------|---------------------------|
| FC2020 | Kontrol- og indikeringsudstyr | 0786-CPR-20719 |
| FC2030 | Kontrol- og indikeringsudstyr | 0786-CPD-20668 |
| FC2040 | Kontrol- og indikeringsudstyr | 0786-CPR-20720 |
| FC2060 | Kontrol- og indikeringsudstyr | 0786-CPD-20669 |
| FC2080 | Kontrol- og indikeringsudstyr | 0786-CPR-21148 |
| FDO221 | Røgdetektor, optisk | 0786-CPD-20001 |
| FDO241 | Røgdetektor, optisk | 0786-CPD-20002 |
| FDOOT221 | Kombinationsdetektor | 0786-CPD-20006 |
| FDOOT241-9 | Kombinationsdetektor | 0786-CPD-20007 |
| FDL241-9 | Linierøgdetektor | 0786-CPD-20371 |
| FDT221 | Termodetektor | 0786-CPD-20003 |
| FDT241 | Termodetektor | 0786-CPD-20004 |
| PDF221-9 | Flammedetektor | 0786-CPD-20371 |
| PDF241-9 | Flammedetektor | 0786-CPD-20372 |
| FDM221 | Brandalarmtryk | 0786-CPD-20368 |
| FDM223 | Brandalarmtryk | 0786-CPD-20443 |
| FDM223H | Brandalarmtryk (Heavy duty) | 0786-CPD-20444 |
| FDM224 | Brandalarmtryk | 0786-CPD-20369 |

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| Type Type | Produkt Product | Certifikat Certificate |
|---|-----------------------------|---------------------------|
| FDM224H | Brandalarmtryk (Heavy duty) | 0786-CPD-20370 |
| FDM225 | Brandalarmtryk | 0832-CPD-0747 |
| FDCI222 | Input-modul | 0786-CPD-20446 |
| FDCIO222 | Input-/Output-modul | 0786-CPD-20447 |
| FDCL221 | Linieisolator | 0786-CPD-20449 |
| FDCIO223 | Input/Output-modul | 0786-CPD-20430 |
| FDCIO224 | Input/Output-modul | 0786-CPD-20448 |
| FDSB291/292 | Alarmlydgiversokler | 0786-CPD-20013 |
| FDS221 | Alarmlydgiver | 0786-CPD-20012 |
| FDS229 | Alarmlydgiver incl. flash | 0786-CPD-20345 |
| FDCW221 | Radio Gateway (I/O-module) | 0786-CPD-21078 |
| DOW1171 * | Trådløs Røgdetektor optisk | 0786-CPD-21077 |
| *) Not connected to loop. Communicates with Control and Indicating Equipment via FDCW221 Radio gateway. | | |
| | | |
| SDF200 | Røgdetektor | 0786-CPD-20092 |
| DO1101AEX | Røgdetektor | 0786-CPD-20076 |
| DLO1191A | Linierøgdetektor | 0786-CPD-20206 |
| DO1101A | Røgdetektor | 0786-CPD-20136 |
| DO1104A | Røgdetektor | 0786-CPD-20077 |

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| Type Type | Produkt Product | Certifikat Certificate |
|---|-------------------------------|---------------------------|
| SDT210 | Termodetektor | 0786-CPD-20093 |
| DT1101A-EX | Termodetektor | 0786-CPD-20497 |
| DT1102A-EX | Termodetektor | 0786-CPD-20095 |
| DT1102A | Termodetektor | 0786-CPD-20094 |
| DT1101A | Termodetektor | 0786-CPD-20079 |
| DF1101EX | Flammedetektor | 0786-CPD-20080 |
| DF1191/1192 | Flammedetektor | 0786-CPD-20495 |
| R970 | Røgdetektor | 0786-CPD-20025 |
| FDM1101 | Brandalarmtryk | 0832-CPD-0774 |
| DM1103L | Brandalarmtryk (Gult kabinet) | 0786-CPD-20217 |
| DC1192 | Input/Output-modul | 0786-CPD-20512 |
| Titanus SuperSens | Aspirationsrøgdetektor | 0786-CPD-20781 |
| Titanus ProSens | Aspirationsrøgdetektor | 0786-CPD-20685 |
| Titanus TopSens | Aspirationsrøgdetektor | 0786-CPD-20685 |
| Titanus MicroSens | Aspirationsrøgdetektor | 0786-CPD-20322 |
| VESDA LASERPLUS/ LASERSCANNER/ LASERCOMPACT/OE M | Aspirationsrøgdetektor | 0832-CPD-0771 |
| DM1103 | Brandalarmtryk | 0786-CPD-20499 |
| DM1103H | Brandalarmtryk | 0786-CPD-20269 |

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| Type Type | Produkt Product | Certifikat Certificate |
|---|----------------------------|---------------------------|
| DM1104 | Brandalarmtryk | 0786-CPD-20500 |
| DM1104H | Brandalarmtryk | 0786-CPD-20270 |
| CB320A | Input module | 0786-CPD-20513 |
| HI320C | Termodetektor klasse A1R | 0786-CPD-20161 |
| HI322C | Termodetektor klasse A2 | 0786-CPD-20162 |
| OP320C | Multisensor detektor | 0786-CPD-20165 |
| OH320C | Multisensor detektor | 0786-CPD-20026 |
| SDF200 | Detektor | 0786-CPD-20092 |
| SDT210 | Termodetektor klasse A1 | 0786-CPD-20093 |
| FT2010/2011 | Mini betjeningspanel | 0786-CPD-20377 |
| FDOOT241-8 | Multisensor detektor | 0786-CPR-20008 |
| FDOOTC241 | Multisensor detektor | 0786-CPR-20694 |
| FDOOT241-A3 | Multisensor detektor | 0786-CPR-21128 |
| FDOOT241-A4 | Multisensor detektor | 0786-CPR-21138 |
| FDOOT241-A9 | Multisensor detektor | 0786-CPR-21155 |
| FDOOT271* | Trådløs Røgdetektor optisk | 0786-CPD-21169 |
| *Not connected to loop. Communicates with Control and Indicating Equipment via FDCW241 Radio Gateway. | | |
| SMF121/SMF1120 | Trådløst Brandalarmtryk | 0786-CPD-20736 |
| FDM1101A** | Brandalarmtryk | 0832-CPD-0775 |

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| Type Type | Produkt Product | Certifikat Certificate |
|---|--|---------------------------|
| ** Not connected to loop. Communicates with Control and Indicating Equipment via FDCIO223 I/O-module. | | |
| FDCIO221 | Input/Output-modul | 0786-CPD-20710 |
| FDCI221 | Input/Output-modul | 0786-CPD-20709 |
| FDCIO224 | Input/Output-modul | 0786-CPD-20448 |
| FDCW241 | Radio Gateway (I/O-module) | 0786-CPD-21168 |
| FDSB221 | Alarmlydgiver | 0786-CPD-21098 |
| FDSB229 | Optisk akustisk alarmlydgiver | 0786-CPD-21099 |
| OH110 | Optical smoke detector | 0786-CPD-21165 |
| OP110 | Optical smoke detector | 0786-CPD-21161 |
| HI110 | Heat detector | 0786-CPD-21141 |
| HI112 | Heat detector | 0786-CPD-21142 |
| FDA221 | Aspiration Smoke Detector | 0786-CPR-21270 |
| FDA241 | Aspiration Smoke Detector | 0786-CPR-21270 |
| FDOOT241-A5* | Optical Smoke Detector with thermal correction | 0832-CPR-F0893 |
| *Must be used with the FDB251 base adapter and with attachment DB1151A | | |
| FDCL221-Ex* | Line Adaptor, Ex | 0786-CPR-21322 |
| *The line adapter can be mounted in the CIE or in the housing FDCH222 | | |
| FDM223-EX* | Manual Call Point, Ex | 0786-CPR-21320 |
| *The manual call point shall be connected with the input/output device type FDCL221-Ex | | |

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| Type Type | Produkt Product | Certifikat Certificate |
|--|--|---------------------------|
| FDOOT241-A9-Ex* | Optical Smoke Detector with thermal correction, Ex | 0786-CPR-21321 |
| *May only be used with Line adapter FDCL221-Ex and SB3 (collective line) | | |
| The below are connected via FCL2006-A1 | | |
| DO1151A | Optical Smoke Detector | 0786-CPR-20150 |
| DOT1151A | Optical Smoke Detector with thermal correction | 0786-CPR-20153 |
| DO1152A | Optical Smoke Detector | 0786-CPR-20151 |
| DOT1152A | Optical Smoke Detector with thermal correction | 0786-CPR-20154 |
| DT1152A | Heat Detector | 0786-CPR-20158 |
| DM1151 | Manual Call Point | 0786-CPR-20506 |
| DCW1151 | Gateway for DOW1171 | 0786-CPR-20588 |
| DM1153 | Manual Call Point | 0786-CPR-20507 |
| DC1157-AA | Input Module | 0786-CPR-20691 |
| DC1154-AA | Output Module | 0786-CPR-20509 |
| DC1156-AA | Output Module | 0786-CPR-20691 |
| The below are connected via FCL2005-A1 | | |
| DO1131A | Optical Smoke Detector | 0786-CPR-20078 |
| DT1131A | Heat Detector | 0786-CPR-20081 |
| DM1131 | Manual Call Point | 0786-CPR-20501 |
| DOT1131A | Optical Smoke Detector with thermal correction | 0786-CPR-20137 |

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| Type Type | Produkt Product | Certifikat Certificate |
|--|--|---|
| DC1131-AA | Input Module | 0786-CPR-20503 |
| DC1134-AA | Output Module | 0786-CPR-20994 |
| DC1136-AA | Output Module | 0786-CPR-20503 |
| DM1133 | Manual Call Point | 0786-CPR-20502 |
| The below are connected via FCL2007-A1 | | |
| DOT11511A-Ex | Optical Smoke Detector with thermal correction | 0786-CPR-20155 |
| DT1151A-Ex | Heat Detector, Ex. | 0786-CPR-20157 |
| DF1151-Ex | Flame Detector, Ex | 0786-CPR-20496 |
| DM1153-Ex | Manual Call Point, Ex | 0786-CPR-20508 |
| DM1154-Ex | Manual Call Point, Ex | 0786-CPR-20508 |
| The below can only be reused as all ready installed object to be connect to new CIE. | | |
| AD1-C11 | Air Samling Smoke Detection System | Related to previous system DBI certificate no. 232.173 |
| AD2-C11 | Air Samling Smoke Detection System | Related to previous system DBI certificate no. 232.173 |
| DM1132 | Manual Call Point | Related to previous system DBI certificate no. 232.173 To be connected via FCL2005-A1. |
| DM1152 | Manual Call Point | Related to previous system DBI certificate no. 232.173 To be connected via FCL2006-A1. |
| DM1132A | Heat Detector | Related to previous system DBI certificate no. 232.173 To be connected via FCL2005-A1. |

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| Type Type | Produkt Product | Certifikat Certificate |
|---|-------------------------------|--|
| FDCI223 | I/O modul | 0786-CPR-21422 |
| FDM273 | Wireless Call point | 0786-CPR-21306 |
| FDM275 | Wireless Call point | 0786-CPR-21526 |
| FDS224-R/ FDS224-W | Acoustic alarm device | 2831-CPR-F2546 |
| FDS225-R/ FDS225-W | Acoustic/Voice alarm device | 2831-CPR-F2546 |
| FDS226-RR | Visual/Acoustic alarm device | 2831-CPR-F2548 |
| FDS226-RW | Visual/Acoustic alarm device | 2831-CPR-F2549 |
| FDS227-RR | Visual/Acoustic/Voice device | 2831-CPR-F2550 |
| FDS227-RW | Visual/Acoustic/Voice device | 2831-CPR-F2551 |
| FDSB226-WW/ FDSB226-WR | Visual/Acoustic alarm device | 0786-CPR-21620 |
| FDSB227-WW/ FDSB227-WW-C/ FDSB227-WR/ FDSB227-WR-C | Visual/Acoustic alarm device | 0786-CPR-21621 |
| Connection via potential free contact to modules type FDCIO222, FDCIO223, FDCIO224. Require a separate power supply provided by Siemens. | | |
| VLF250-SIE-VLF500-SIE | Aspirating Smoke Detector | 0832-CPD-1265 + DOP no. 25990, dated 02.09.2015 |
| Connection via potential free contact to modules type FDCIO222, FDCIO224. Require a separate power supply provided by Siemens. | | |
| FibrolaserIII | Resettable Line-Heat Detector | VdS, DAkkS accreditation no. D-ZE-11149-01-01, certificate of non harmonized standard EN 54-22. Valid from 10-05-2019. Valid until 05.06.2022. DOP no. CED-OTS30XX |
| OSID | Line-type smoke detector | 0333-CPR-075387 |

Bilag/Annex: 2

PRØVNINGSdokUMENTATION TEST DOKUMENTATION

| Akkediteret laboratorium Accredited laboratory | Rapport nr Report no. | Dato Date |
|---|----------------------------------|----------------------|
| VdS | 180473-AU01+BZA02-PB01 | 2019-04-30 |
| VdS | 181929-AU01+BZA02-PB01 | 2019-08-14 |
| VdS | BMA 07008 | 2007-04-10 |
| VdS | SW-2006219 | 2006-09-06 |
| VdS | 1. Supplement to SW-2006219 | 2007-06-25 |
| VdS | SW-2009210 | 2010-04-26 |
| VdS | BMA 09026 | 2009-02-17 |
| VdS | BMA10064 | 2010-05-28 |
| VdS | BMA 11097 | 2012-03-02 |
| VdS | BMA12150 | 2012-11-26 |
| VdS | BMA12043 | 2012-04-26 |
| VdS | BMA12089 | 2012-05-21 |
| VdS | BMA14032 | 2014-04-07 |
| VdS | BMA13088 | 2013-12-20 |
| VdS | Declaration | 2014-11-13 |
| CNPP | DA110022F | 2014-08-14 |
| BRE | TE292707 | 2015-05-27 |
| VdS | BMA05003 | 2005-01-10 |

Bilag/Annex: 2

PRØVNINGSdokUMENTATION
TEST DOKUMENTATION

| Akkediteret laboratorium <i>Accredited laboratory</i> | Rapport nr <i>Report no.</i> | Dato <i>Date</i> |
|--|---|-----------------------------|
| DELTA | K280077 | 1998-02-09 |
| VdS | BMA96001 | 1996-02-12 |
| VdS | BMA96033 | 1996-02-12 |
| VdS | BMA96072 | 1996-11-28 |
| VdS | BMA96073 | 1996-11-xx |
| VdS | BMA97028 | 1997-11-xx |
| VdS | BMA97066 | 1997-11-xx |
| VdS | BMA97067 | 1997-11-xx |
| VdS | BMA99024 | 1999-03-15 |
| VdS | BMA99042 | 1999-05-31 |
| VdS | SW-93205 | 1999-06-11 |

Bilag/Annex: 3

TEKNISK DOKUMENTATION
TECHNICAL DOCUMENTATION

| Titel Name | Reference Refence | Dato Date |
|---|---|--|
| Installationsvejledning <i>Installation manual</i> | VLF250-VLF500 - UK FDS22x - UK FDSB22x - UK FDM273 - UK FDM275 - UK OSID -UK FC20 Inst-vejl - DK & UK ASP Inst-vejl. - DK & UK | |
| Dansk brugervejledning <i>Danish user guide</i> | FC20 with Extinguishing-008838 MP7.0 - UK FC20 DK Betj. Vejl. - SBT11122b - DK VLF250-500 - SBT10615 - DK | 2018-08-19 2019-05-01 2019-05-03 |
| Short guide | BV Instruks - SBT11123b - DK | 2019-05-01 |
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Bilag/Annex: 4

AFVIGELSER *DEVIANCE*

Specielle forhold er beskrevet under omfang.
Special conditions are described in extent.