

# CERTIFICATE

**Consilium Marine & Safety AB**  
**Boks 8763**  
**Salsmästaregatan 21**  
**SE-40276 Göteborg**  
**Sweden**

Certifikat nr.  
Certificate no.

**232.254**

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*

**Terra Fire** **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: 2023-08-24

Udløber/Expires: 2026-08-24

Erstatter tidligere udstedt certifikat 2022-12-13

Replace previous issued certificate 2022-12-13



Merete Poulsen



Nicolai Linding Andreassen

Bilag/Annex: 1

## OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Control and indicating equipment with power supply	Fire Alarm Control Panel EN	2531-CPR-232.1686
Control and indicating equipment with power supply	Control/Repeater M 4.3 OEM Fire EN	2531-CPR-232.1686
Control and indicating equipment with power supply	CONTROL UNIT A3 OEM FIRE EN	2531-CPR-232.1686
Control and indicating equipment with power supply	REPEATER M 4.3 OEM ENG	2531-CPR-232.1686
Control and indicating equipment with power supply	REPEATER M 4.3 LARMORG SE	2531-CPR-232.1686
Manual Call Point with SCI	MCP-A SCI WP (GB)	2531-CPR-CSP10843
Manual Call Point with SCI	MCP-A SCI (GB)	2531-CPR-CSP10843
Manual Call Point	MCP-A WP (GB)	2531-CPR-CSP10843
Manual Call Point IP23	MCP-A IP23 (GB)	2531-CPR-CSP10843
Intrinsically Safe Isolator, Addressable	C-GI ADDR Ex H	2531-CPR-CSP11162
Manual Call Point IP67 IS	CD-MCP WP Ex ia	2531-CPR-CSP10869
Smoke Heat Detector IS	NS-AOHS-IS	2531-CPR-232.1494
Analogue addressable input/output module with short circuit isolator	CN-AIOI	2531-CPR-232.1707
Analogue addressable base isolator	CN-BI	2531-CPR-232.1708
Analogue addressable dual optical smoke and heat detector	CN-DPH-A2R	2531-CPR-232.1685
Analogue addressable dual optical smoke and heat detector	CN-DPH-CS	2531-CPR-232.1685
Analogue addressable Class A1R heat detector	CN-H-A1R	2831-CPR-F2430
Analogue addressable IP67 Class A1R heat detector	CN-H-A1R 54C HEAT IP-ADAPT IP67	2831-CPR-F2430

## OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Analogue addressable Class CS heat detector	CN-H-CS	2831-CPR-F2431
Analogue addressable IP67 Class CS heat detector	CN-H-CS 84C HEAT IP-ADAPT IP67	2831-CPR-F2431
Analogue addressable photoelectric smoke detector	CN-P	2831-CPR-F2433
Analogue addressable sounder beacon	CN-SB-DSCI	0786-CPD-21230
Analogue addressable sounder beacon base	CN-SB-DSCI BASE	0786-CPD-21230
Class 1 conventional flame detector	EVC-IR	2831-CPR-F2439
Analog addressable Smoke/Heat detector	CN-PYH	0905-CPR-00278
Short circuit isolator base	UB-6 SCI	0905-CPR-00225
Short circuit isolator	NMI-SCI	0905-CPR-00225
Short circuit isolator base	CD-B SCI	2531-CPR-CSP11163
Sounder, Controlled by detector output	CD-S	2531-CPR-CSP10859
Sounder + Base, Controlled by detector output	UB-6 WITH CD-S BUILDING	2531-CPR-CSP10859
Sounder + Base SCI, Controlled by detector output	UB-6 SCI WITH CD-S BUILDING	2531-CPR-CSP10859
Manual Call Point with SCI	CN-MCP2-SCI	0905-CPR-00447
Manual Call Point IP67 with SCI	CN-MCP2-SCI WP	0905-CPR-00447
Outdoor Beacon with SCI Isolator	CN-HIOP-BCN-SCI	0905-CPR-00619
Beacon with isolator	CN-HIOP-BCN-R-SCI	0905-CPR-00619
Outdoor Sounder/ Beacon with SCI Isolator	CN-HIOP-SB-SCI	0905-CPR-00619
Outdoor Sounder with SCI Isolator	CN-HIOP-SDR-SCI	0905-CPR-00619

## OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Smoke detector with sounder	CN-PYS	0905-CPR-192648
Smoke and heat detector with isolator	CD-PH	0560-CPR-202190027
Sounder beacon with isolator	CN-HIOP-SB-R-SCI	0905-CPR-00619
Optical smoke detector using scattered light	EVC-PY-IS	0786-CPR-21229
Heat detector	HC100 A2-IS	2531-CPR-232.1711
Optical smoke detector	EVC-P	1461a-(cl-1)
Double Optical smoke detector	EVC-DP	755a-(cl-1)
Heat detector class A2S	EVC-H-A2S	1461c-(cl-1)
Heat detector class CS	EVC-H-CS	1461c-(cl-1)
Manual Call Point	MCP-C (GB)	2831-CPR-F1701
Manual Call Point IP67	MCP-C WP (GB)	2831-CPR-F1715
Heat detector class A2S	6295	2531-CPR-232.1192
Heat detector class BS	6296	2531-CPR-232.1193
Heat detector class CS	6297	2531-CPR-232.1194
Heat detector class ES	6298	2531-CPR-232.1195
Smoke Detector	CB-P	0905-CPR-220812
Multi Criteria Detector – Heat and smoke detector	CB-PYH	0905-CPR-220812
Heat Detector	CB-H-A1R	0905-CPR-220812
Heat Detector	CB-H-CS	0905-CPR-220812

## OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Smoke Detector with SCI	CB-S	0905-CPR-220812
Heat and smoke detector with SCI	CB-M	0905-CPR-220812
In-/Output module	EV-24VRL	0905-CPR-00641
Analogue addressable input/output module	IC21 WP	2531-CPR-232.1738
Analogue addressable input/output module	IC44 WP	2531-CPR-232.1738
Analogue addressable input/output module IP66	IC21 WPL	2531-CPR-232.1738
Analogue addressable input/output module IP66	IC44 WPL	2531-CPR-232.1738
Analogue addressable input/output module with short circuit isolator	Single IO	0905-CPR-200968
Analogue addressable input/output module	IC10	2531-CPR-232.1738
Analogue addressable input/output module IP66	IC10 WP	2531-CPR-232.1738
Base with short circuit isolator	IP-ADAPT SCI	2531-CPR-CSP10873
Base with visual alarm device	EV-PYSVAD	0905-CPR-210054
Addressable Sounder	CN-SDR	0905-CPR-210731
Addressable Sounder with base	CN-SDR Base	0905-CPR-210731
Addressable Timer Unit	TC10 WP	2531-CPR-232.1738
<b>Auxiliary Equipment</b>		
Fiber modem	FL SWITCH 2206-2FX-2702330	N/A
Detector base	UB-6	N/A
Address Tag Holder for Base	CN-ADDRESS-TAG-HOLDER	N/A

## OMFANG/EXTENT

Type Type	Produkt Product	Certifikat Certificate
Spacer for base	UB SPACER/EV-SB SPACER	N/A
Detector Base	CD-B	N/A
Base for IP-ADAPT (IP67)	IP-BASE	N/A
Base for IP-ADAPT (IP67)	IP-BASE Small Cable Gland	N/A
Detector Base Adaptor (IP67)	IP-ADAPT	N/A
Detector Base Adaptor IS	EV-SPB-IS	N/A
Base for EV-SPB-IS	2IP55	N/A
Intrinsically Safe Isolator, Conventional	NS-ISOLATOR	N/A

Bilag/Annex: 2

**PRØVNINGSdokUMENTATION**  
**TEST DOKUMENTATION**

<b>Akkediteret laboratorium <i>Accredited laboratory</i></b>	<b>Rapport nr <i>Report no.</i></b>	<b>Dato <i>Date</i></b>
DELTA	DANAK-1910655	2009-10-09
DELTA	DANAK-1912689	2012-12-10
Intertek	12057309-LHD-001	2013-05-31
DELTA	DANAK-1913192	2013-07-03
NEMKO	E15290.00	2015-12-29
NEMKO	E15302.00	2016-01-15
DELTA	DANAK-1916125	2016-02-09
DELTA	DANAK-1916523, T220637-1	2016-06-06
NEMKO	FSC541321004.00	2021-11-16

Bilag/Annex: 3

## TEKNISK DOKUMENTATION TECHNICAL DOCUMENTATION

<b>Titel Name</b>	<b>Reference Refence</b>
Installation manual	5100353_TERRA FIRE Installationsvejledning_I3_DA_2020_Z
Display and operating unit With 5.7" display, Danish	5100859_Fire Alarm Control Panel_I3_DA_2020_B
Betjeningsvejledning	5100352_TERRA FIRE Brugervejledning_I3_DA_2020_AC
Hurtig guide	5100356_TERRA FIRE Hurtigguide_I3_DA_2017_F

Bilag/Annex: 4

## AFVIGELSER DEVIANCE

If more than 32 detectors are connected to the loop circuit, short circuit isolators are used to prevent that a short circuit of the loop has influence on the alarm transmission for more than 32 detectors.