



# CERTIFICATE OF CONFORMITY

## CERTIFICATO DI CONFORMITÀ

CERTIFICATE No.	<b>01787</b>
<i>CERTIFICATO No.:</i>	
APPLICANT:	<b>Tecnoalarm S.r.l.</b>
<i>RICHIEDENTE:</i>	<b>Via Ciriè 8 – 10099 San Mauro Torinese (TO) – Italy</b>
PRODUCT:	<b>Fire detection and fire alarm systems</b>
<i>PRODOTTO:</i>	<i>Sistemi di rivelazione e di segnalazione d'incendio</i>
MODEL(S):	<b>TFA4-1192 ; TFA2-596 ; TSA1</b>
<i>MODELLO(I):</i>	
MANUFACTURER:	<b>Various (see next pages – Articles)</b>
<i>FABBRICANTE:</i>	<i>Vari (vedere pagine seguenti – Articoli)</i>

IMQ declares that the fire detection and signalling system composed of the articles indicated in the following pages was found to comply with the following standards/technical specifications: / *IMQ dichiara che il sistema di rilevazione e segnalazione incendio composto dagli articoli indicati nelle pagine seguenti è risultato conforme alle seguenti norme/specifiche tecniche:*

## EN 54-13:2005

Compatibility and connectability assessment of system components

*Valutazione della compatibilità e connettività dei componenti di un sistema*

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<i>SCADE:</i>	

PRODUCT CONFORMITY ASSESSMENT B.U.  
CERTIFICATION MANAGER

This Certificate is the result of testing a sample of the product submitted, in accordance with the provisions of the specified Technical Specifications / Standards. It is issued according to product certification system 1a of ISO/IEC 17067; therefore, it does not imply any judgment on the production and it does not permit the use of a mark of conformity. Only full reproductions of this Certificate are allowed without written permission of IMQ.  
*Questo Certificato è il risultato delle prove effettuate sul campione di prodotto presentato, seguendo le prescrizioni delle corrispondenti norme/specifiche tecniche citate. Esso è emesso in conformità al sistema di certificazione di prodotto 1a della norma ISO/IEC 17067; pertanto, esso non implica un giudizio sulla produzione e non permette l'uso di un marchio di conformità. Solo la completa riproduzione di questo Certificato è permessa senza l'autorizzazione scritta dell'IMQ.*



PRD N° 005B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

TEST REPORT(S) | RAPPORTO(I) DI PROVA

SS24-0108138-01

ARTICLES (WITH DETAILS) | ARTICOLI (CON DETTAGLI)

DEVICES LIST UNDER TESTS					
No.	MANUFACTURER	DESCRIPTION	MODEL	CERTIFICATE No.	CLASSIFICATION
01	Tecnoalarm S.r.l.	Control and Indicating Equipment	TFA4-1192	0051-CPR-0388	TYPE 1
02	Tecnoalarm S.r.l.	Control and Indicating Equipment	TFA2-596	0051-CPR-0389	TYPE 1
03	Tecnoalarm S.r.l.	Control and Indicating Equipment	TSA1	0051-CPR-2816	TYPE 1
04	Tecnoalarm S.r.l.	Bus RS485 / Fiber Optic Conversion Interface	TFSFC01	CE	TYPE 2
05	Tecnoalarm S.r.l.	Electrical Automatic Control and Delay Device with integrated Short Circuit Isolator	TSM1	0051-CPR-2816	TYPE 2
06	Tecnoalarm S.r.l.	Alarm Transmission and Fault Warning Routing Equipment	TFCOM	0051-CPR-0454	TYPE 1
07	Tecnoalarm S.r.l.	Touch screen repeater	TFT-7C	0051-CPR-0388	TYPE 1
08	Tecnoalarm S.r.l.	Touch screen repeater	TFT-4.3C	0051-CPR-2816	TYPE 1
09	Tecnoalarm S.r.l.	Smoke Detector – Linear Optical Detector with integrated Short Circuit Isolator	TFMIID-120	1293-CPR-0816	TYPE 1
10	Tecnoalarm S.r.l.	Smoke Detector with integrated Short Circuit Isolator	TFDA-S1	1293-CPR-0424	TYPE 1
11	Tecnoalarm S.r.l.	Smoke Detector with integrated Short Circuit Isolator	TFDA-S2	0051-CPR-3134	TYPE 1
12	Tecnoalarm S.r.l.	Heat Detector with integrated Short Circuit Isolator	TFDA-TR1	1293-CPR-0526	TYPE 1
13	Tecnoalarm S.r.l.	Heat and Smoke Detector with integrated Short Circuit Isolator	TFDA-STR1	1293-CPR-0423	TYPE 1
14	Tecnoalarm S.r.l.	Heat and Smoke Detector with integrated Short Circuit Isolator	TFDA-STR2	0051-CPR-3133	TYPE 1

No.	MANUFACTURER	DESCRIPTION	MODEL	CERTIFICATE No.	CLASSIFICATION
15	Calectro	Smoke detector housing for duct installation	TFDA-DUCT	CE	TYPE 2
16	Tecnoalarm S.r.l.	Input Module with Short Circuit Isolator	TFM10	1293-CPR-0490	TYPE 1
17	Tecnoalarm S.r.l.	Input Output Module with Short Circuit Isolator	TFM20	1293-CPR-0420	TYPE 1
18	Tecnoalarm S.r.l.	Input Module with Short Circuit Isolator	TFM50	1293-CPR-0527	TYPE 1
19	Tecnoalarm S.r.l.	Input Output Module with Short Circuit Isolator	TFM21	1293-CPR-0419	TYPE 1
20	Tecnoalarm S.r.l.	Input Output Module with Short Circuit Isolator	TFM01	1293-CPR-0421	TYPE 1
21	Tecnoalarm S.r.l.	Output Module with Short Circuit Isolator	TFM05	1293-CPR-0528	TYPE 1
22	Tecnoalarm S.r.l.	Coventional Device Interface with Short Circuit Isolator	TFMC1	1293-CPR-0492	TYPE 1
23	Tecnoalarm S.r.l.	4-20 mA Device Interface with Short Circuit Isolator	TFM420MA	1293-CPR-0491	TYPE 1
24	Tecnoalarm S.r.l.	Sounder and Visual Alarm Device with Short Circuit Isolator	TFPANM	0051-CPR-0532	TYPE 1
25	Eaton Electrical Products Limited	Manual Call Point with Short Circuit Isolator	CXM/CO/GP/RWP	2831-CPR-F0300	TYPE 1
26	Tecnoalarm S.r.l.	Manual Call Point with Short Circuit Isolator	TFCP	1293-CPR-0662	TYPE 1
27	Tecnoalarm S.r.l.	Manual Call Point with Short Circuit Isolator	TFCP-IP55	1293-CPR-0807	TYPE 1
28	Tecnoalarm S.r.l.	Sounder Alarm Device with Short Circuit Isolator	TFIS01	1293-CPR-0422	TYPE 1
29	Tecnoalarm S.r.l.	Sounder and Visual Alarm Device with Short Circuit Isolator	TFIES02	1293-CPR-0825	TYPE 1
30	Tecnoalarm S.r.l.	Sounder Alarm Device	TFBASE-SOUNDER	1293-CPR-0558	TYPE 1
31	Tecnoalarm S.r.l.	Power Supply Equipment for Fire Detection and Fire Alarm Systems, for Smoke and Heat Control with Short-Circuit Isolator	TFPS-5	0051-CPR-0432	TYPE 1
32	Synaps Technology S.r.l.	Sounder and Visual Alarm Device	LF24W	1328-CPR-0427	TYPE 1
33	Cooper CSA S.r.l.	Sounder Alarm Device	5955-CSA	2852-CPR-0101	TYPE 1
34	Synaps Technology S.r.l.	Sounder Alarm Device	LF20W	1328-CPR-0584	TYPE 1

No.	MANUFACTURER	DESCRIPTION	MODEL	CERTIFICATE No.	CLASSIFICATION
35	Tecnoalarm S.r.l.	Sounder Alarm Device	TFES01	1293-CPR-0493	TYPE 1
36	Synaps Technology S.r.l.	Sounder Alarm Device	WMS99	2852-CPR-0119	TYPE 1
37	Synaps Technology S.r.l.	Sounder Alarm Device	WMS98	2852-CPR-0118	TYPE 1
38	Eaton Electrical Products Limited	Sounder Alarm Device	AS/S/24/120	2831-CPR-F4223	TYPE 1
39	Synaps Technology S.r.l.	Sounder and Visual Alarm Device	WCR99	2852-CPR-0212	TYPE 1
40	Synaps Technology S.r.l.	Sounder and Visual Alarm Device	WCR98	2852-CPR-0211	TYPE 1
41	Eaton Electrical Products Limited	Sounder Alarm Device	AS/SB/24/110	2831-CPR-F4227	TYPE 1
42	Argus Security S.r.l.	Visual Alarm Device	CBE1002	2831-CPR-0568	TYPE 1
43	Synaps Technology S.r.l.	Visual Alarm Device	WBW99	2852-CPR-0121	TYPE 1
44	Synaps Technology S.r.l.	Visual Alarm Device	WBW98	2852-CPR-0120	TYPE 1
45	Synaps Technology S.r.l.	Visual Alarm Device	WBR99	2852-CPR-0210	TYPE 1
46	Synaps Technology S.r.l.	Visual Alarm Device	WBR98	2852-CPR-0209	TYPE 1
47	Fire Fighting Enterprises Limited	Smoke Detector - Linear detectors using an optical light beam	Fireray One	0832-CPR-F2237	TYPE 1
48	Fire Fighting Enterprises Limited	Smoke Detector - Linear detectors using an optical light beam	Fireray 5000	0832-CPR-F0390	TYPE 1
49	Fire Fighting Enterprises Limited	Smoke Detector - Linear detectors using an optical light beam	Fireray 3000	0786-CPR-21669	TYPE 1
50	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TF1	0786-CPD-21512	TYPE 1
51	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TF-1-SL	0786-CPD-21512	TYPE 1
52	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-1/a 1	0786-CPD-20685	TYPE 1
53	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-1-SL	0786-CPD-20685	TYPE 1

No.	MANUFACTURER	DESCRIPTION	MODEL	CERTIFICATE No.	CLASSIFICATION
54	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-1-F/a 1	0786-CPD-20685	TYPE 1
55	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-4	0786-CPD-20685	TYPE 1
56	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-4-SL	0786-CPD-20685	TYPE 1
57	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-5	0786-CPD-20685	TYPE 1
58	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-5-SL	0786-CPD-20685	TYPE 1
59	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-4-F	0786-CPD-20685	TYPE 1
60	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	TP-5-F	0786-CPD-20685	TYPE 1
61	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	DM-TM(-B)-10	0786-CPD-20322	TYPE 1
62	Wagner Group GmbH	Aspirating Smoke Detector with Short Circuit Isolator	DM-TM(-B)-50	0786-CPD-20322	TYPE 1
63	Control Logic S.r.l.	Flame Detector	RIV-601P/F	0786-CPD-21103	TYPE 1
64	Sense-WARE Fire and Gas Detection BV	Flame Detector	UV/IR-210/1	0960-CPR-SKG.1388.3643.03.EN	TYPE 1
65	Sense-WARE Fire and Gas Detection BV	Flame Detector	IR3-109/1	0960-CPR-SKG.1388.3643.03.EN	TYPE 1
66	Sense-WARE Fire and Gas Detection BV	Flame Detector	UV-185/5	0960-CPR-SKG.1388.3643.03.EN	TYPE 1
67	Cavicel S.p.A.	Heat Detector Cables	HDC-68	CE	TYPE 2
68	Cavicel S.p.A.	Heat Detector Cables	HDC-105	CE	TYPE 2
69	Oggioni S.a.s.	Heat Detector	TMP2	0068-CPR-009/2014	TYPE 1
70	Elfri S.r.l.	Electrically Powered Hold-Open Devices for Swing Doors	S20050-01	CE	TYPE 2
71	Elfri S.r.l.	Electrically Powered Hold-Open Devices for Swing Doors	S20110-01	CE	TYPE 2

No.	MANUFACTURER	DESCRIPTION	MODEL	CERTIFICATE No.	CLASSIFICATION
72	Elfri S.r.l.	Electrically Powered Hold-Open Devices for Swing Doors	S30060-01	CE	TYPE 2
73	Elfri S.r.l.	Electrically Powered Hold-Open Devices for Swing Doors	S30110-01	CE	TYPE 2
74	Tecnoalarm S.r.l.	Multimode Communication Interface	TFNET	CE	TYPE 2
75	lfam	Display Panel with Modbus Interface	FAT4000	CE	TYPE 2
76	lfam	Control Keyboard for FAT4000 Panel	FBF4000	CE	TYPE 2
77	lfam	Modbus Extender for Loop Connection of Multiple Panels	ADP4000	CE	TYPE 2

**ADDITIONAL INFORMATION | INFORMAZIONI SUPPLEMENTARI**

Classification Options / *Opzioni di classificazione:*

Components Type 1: devices performing EN 54-1 defined functionality

*Componenti di tipo 1: dispositivi che eseguono funzionalità definite dalla EN 54-1*

Components Type 2: other types of devices connected to component type 1

*Componenti di tipo 2: altri tipi di dispositivi collegati al componente di tipo*

**CERTIFICATION SCHEME INFORMATION / INFORMAZIONI RELATIVE ALLO SCHEMA DI CERTIFICAZIONE**

This certificate has been issued according to the IMQ Rules Ref. Reg. PRD/IMQ/TIPO - "General Regulation for the issuing of Type Certificates on products" (ISO 17067; Certification System Type 1a) / *Questo certificato è stato emesso in accordo al Regolamento IMQ Rif. Reg. PRD / IMQ / TIPO - "Regolamento generale per il rilascio dei Certificati di Tipo sui prodotti" (ISO 17067; Schema di Certificazione Tipo 1a).*

Despite the expiring date mentioned in the first page, this certificate has to be considered expired if the standard(s) (or Technical document) has been withdrawal by the Standardisation Organisation or by the Owner of the document.

*A prescindere dalla data di scadenza indicata nella prima pagina, questo certificato è da considerarsi scaduto se la norma (o il documento tecnico) è stato ritirato dall'Organismo di Standardizzazione o dal Proprietario del documento.*