




Date: January 31, 2018

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER	1. 1518/BA/15 2. 369/BA/17	CERTIFICATE NUMBER	DC - UAE - 0086
DATE OF ISSUE	1. January 22, 2016 2. November 10, 2017	DATE OF ISSUE	January 31, 2018
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	February 22, 2026
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	Polon-Alfa Spółka z ograniczoną odpowiedzialnością Sp. k.	NAME OF THE BRAND	POLON-ALFA
FACTORY ADDRESS / REGION	ul. Glinki 155 85-861 Bydgoszcz Republic of Poland	MODEL / NO	EKS-6222P
WEBSITE	www.polon-alfa.pl	LOGO ON THE PRODUCT	
TELEPHONE	+48 52 36 39 269	EMAIL	export@polon-alfa.pl tomasz.piaskowski@polon-alfa.pl





Product Details From Test Report			Reference Test Report Page No.
DESCRIPTION OF THE PRODUCT	Input / output device - input / output element type EKS-6222P with short-circuit isolator (Detailed specification below)		3
TESTS STANDARD	EN 54-17:2005 + AC:2007 Fire detection and fire alarm systems - Part 17: Short-circuit isolators EN 54-18:2005 + AC:2007 Fire detection and fire alarm systems - Part 18: Input/output devices		6 + 7 (1518/BA/15) 5 (369/BA/17)
TESTS DESCRIPTION	Requirements, test methods and performance criteria for loudspeakers intended to broadcast a warning of fire between a fire detection and fire alarm system and the occupants of a building		5 + 7 (1518/BA/15) 5 + 6 (369/BA/17)
TESTS RESULTS	Type:	EKS-6222P	4
	Detachable device:	no	
	Software controlled device:	yes	
	Number of inputs:	4	
	Number of outputs:	2	
	Nominal voltage [V DC]:	24	
	Maximum voltage [V DC]:	24,6	
	Minimal voltage [V DC]:	16,5	
	Maximum voltage at which the device isolates [V DC]:	6	
	Minimum voltage at which the device isolates [V DC]:	3	
	Maximum voltage at which the device reconnects [V DC]:	24,6	
	Minimum voltage at which the device reconnects [V DC]:	16,5	
	Operating temperature [°C]:	-10 + +55	
Dimensions (Length x Width x Height) [mm]:	202 x 180 x 74 with cable entries 202 x 130 x 74 without cable entries		
Mass [g]:	< 500		
EN 54-17	Reproducibility	PASS	7 + 11 (1518/BA/15) 6 + 7 (369/BA/17)
EN 54-17	Requirements	PASS	
EN 54-17 - EN 60068-2-2	Dry heat (operational)	PASS	
EN 54-17 - EN 60068-2-1	Cold (operational)	PASS	
EN 54-17 - EN 60068-2-27	Shock (operational)	PASS	
EN 54-17	Impact (operational)	PASS	
EN 54-17 - EN 60068-2-6	Vibration, sinusoidal (operational)	PASS	
EN 54-17 - EN 60068-2-6	Vibration, sinusoidal (endurance)	PASS	
EN 54-17 - EN 60068-2-30	Damp heat, cyclic (operational)	PASS	
EN 54-17 - EN 60068-2-78	Damp heat, steady state (endurance)	PASS	
EN 54-17 - EN 60068-2-42	Sulphur dioxide (SO ₂) corrosion (endurance)	PASS	
EN 54-17	Variation in supply parameters	PASS	
EN 54-17 - EN 50130-4	Electromagnetic compatibility (EMC), immunity tests (operational)	PASS	
EN 54-18	Performance and variation of supply parameters	PASS	
EN 54-18	Functional test	PASS	
EN 54-18	Functional test	PASS	
EN 54-18 - EN 60068-2-2	Dry heat (operational)	PASS	
EN 54-18 - EN 60068-2-1	Cold (operational)	PASS	
EN 54-18 - EN 60068-2-27	Shock (operational)	PASS	
EN 54-18 - EN 60068-2-75	Impact (operational)	PASS	
EN 54-18 - EN 60068-2-6	Vibration, sinusoidal (operational)	PASS	
EN 54-16 - EN 60068-2-6	Vibration, sinusoidal (endurance)	PASS	
EN 54-18 - EN 60068-2-30	Damp heat, cyclic (operational)	PASS	
EN 54-18 - EN 60068-2-78	Damp heat, steady state (endurance)	PASS	
EN 54-18 - EN 60068-2-42	Sulphur dioxide (SO ₂) corrosion (endurance)	PASS	
EN 54-18	Performance and variation of supply parameters	PASS	
EN 54-18 - EN 50130-4	Electromagnetic compatibility (EMC), immunity tests	PASS*	
Not applicable for tests in compliance with EN 50130-4 point 7 and 8.			
PRODUCT APPLICATION GUIDELINE	KK-E356/01.2018 KK-E356/01.2018/EN Input / output device - input / output element type EKS-6222P is equipped with short circuit isolator. It is equipped with 4 inputs and 2 outputs. Input / output device - input / output element type EKS-6222P with short-circuit isolator is used in fire detection and fire alarm systems.		Not applicable

United Arab Emirates

Ministry of interior

Civil Defense G.H.Q

Fire intentional Lab & House
of Expertise & Training Center

Approval Committee




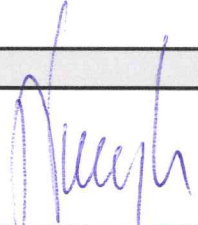
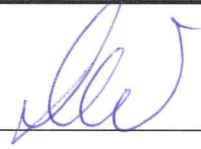

دولة الإمارات العربية المتحدة

وزارة الداخلية

القيادة العامة للدفاع المدني

لجنة اعتماد المختبرات العالمية

وبيوت الخبرة ومعاهد التدريب

Laboratory and Certification Body Details			
NAME OF CERTIFICATION BODY	CNBOP-PIB Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej Państwowego Instytut Badawczy	NAME OF TEST FACILITY	CNBOP-PIB Zespół Laboratoriów Sygnalizacji Alarmu Pożaru i Automatyki Pożarniczej
CERTIFICATION BODY ADDRESS / REGION	ul. Nadwiślańska 213 05-420 Józefów REPUBLIC OF POLAND	TEST FACILITY ADDRESS / REGION	ul. Nadwiślańska 213 05-420 Józefów REPUBLIC OF POLAND
WEBSITE	www.cnbop.pl	WEBSITE	www.cnbop.pl
TELEPHONE	+48 22 769 33 47	TELEPHONE	+48 22 769 32 26
EMAIL	jcw@cnbop.pl	EMAIL	ba@cnbop.pl
ACCREDITED BY	Polish Centre for Accreditation http://www.pca.gov.pl	ACCREDITED BY	Polish Centre for Accreditation http://www.pca.gov.pl
AS PER	EN ISO/IEC 17065 Requirements for bodies certifying products, processes and services	AS PER	EN ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
VALIDITY	October 3, 2018	VALIDITY	October 11, 2021
REFERENCE NUMBER	AC 063	REFERENCE NUMBER	AB 207
CERTIFICATION MARK			
(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME AND SURNAME OF MANUFACTURERS SIGNATORY	Dariusz Nagański	SIGNATURE	
EMAIL / TELEPHONE	+48 52 36 39 261 export@polon-alfa.pl	FACTORY OFFICIAL SEAL	Polon-Alfa Spółka z ograniczoną odpowiedzialnością Sp.k ul. Glinki 155 85-861 BYDGOSZCZ
NOTES	I UNDERTAKE THAT ALL DATA AND INFORMATION PROVIDED ARE GENUINE AND ACCURATE.		
(ENDORSEMENT) TO BE CERTIFICATION BODY			
NAME AND SURNAME OF CERTIFICATION BODY SIGNATORY	bryg. dr hab. inż. Dariusz Wróblewski	SIGNATURE	
EMAIL / TELEPHONE	cnbop@cnbop.pl +48 22 769 33 00	CERTIFICATION BODY OFFICIAL SEAL	
NOTES	I UNDERTAKE THAT ALL DATA AND INFORMATION PROVIDED ARE GENUINE AND ACCURATE.		

ATTACHEMENT:

COPY OF "CERTIFICATE OF CONSTANCY OF PERFORMANCE" NO. 1438-CPR-0453 ISSUE 2 ISSUED BY CERTIFICATION BODY