



Date: January 3, 2023

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER	1. 703/BA/22 2. 369/BA/17 3. 1518/BA/15	CERTIFICATE NUMBER	DC - UAE - 0224
DATE OF ISSUE	1. December 9, 2022 2. November 10, 2017 3. January 22, 2016	DATE OF ISSUE	January 3, 2023
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	January 2, 2033
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	POLON-ALFA S.A.	NAME OF THE BRAND	POLON-ALFA
FACTORY ADDRESS / REGION	ul. Glinki 155 85-861 Bydgoszcz Republic of Poland	MODEL / NO	EKS-3222P
WEBSITE	www.polon-alfa.pl	LOGO ON THE PRODUCT	
TELEPHONE	+48 52 36 39 278	EMAIL	export@polon-alfa.pl justyna.kasierska@polon-alfa.pl





Product Details From Test Report			Reference Test Report Page No.	
DESCRIPTION OF THE PRODUCT	Input / output device with short-circuit isolator – Control element type EKS-3222P (Detailed specification below)		3 (703/BA/22)	
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		7 (703/BA/22)	
TESTS DESCRIPTION	Requirements, test methods and performance criteria input / output device – input / output module intended to broadcast a warning of fire between a fire detection and fire alarm system and the occupants of a building.		7 ÷ 8 (703/BA/22)	
SPECIFICATION OF TEST SPECIMEN	Type:	EKS-3222P	3 ÷ 5 (703/BA/22)	
	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 [mm]:	175 x 60 x 180		
Mass [g]:	< 550			
TESTS RESULTS	EN 54-17	Reproducibility	PASS	8 ÷ 9 (703/BA/22) 6 ÷ 7 (369/BA/17) 7 ÷ 9 (1518/BA/15)
	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	
TESTS RESULTS	EN 54-18	Performance and variation of supply parameters	PASS	8 (703/BA/22) 6 (369/BA/17) 10 ÷ 11 (1518/BA/15)
	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 point 5.12a and 5.12b of EN 54-18.				
PRODUCT APPLICATION GUIDELINE	KK-E397/09.2022/EN	The EKS-3222P input/output devices are designed to react to a signal given by the control panel to activate the alarm and fire protection devices. It enables to monitor efficiency of control devices and its proper operation. It can be used for monitoring of any device without relation to its former control.	Not applicable	





Laboratory and Certification Body Details

NAME OF CERTIFICATION BODY	CNBOP-PIB Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej Państwowy 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, 2026	VALIDITY	October 11, 2025
REFERENCE NUMBER	AC 063	REFERENCE NUMBER	AB 207

CERTIFICATION MARK



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER

NAME AND SURNAME OF MANUFACTURERS SIGNATORY	JACEK SZUBIŃSKI	SIGNATURE	
EMAIL / TELEPHONE	+48 52 36 39 261 export@pdon-alfa.pl	FACTORY OFFICIAL SEAL	POLON-ALFA S.A. 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	st. bryg. dr inż. Paweł Janik	SIGNATURE	
EMAIL / TELEPHONE	cnbop@cnbop.pl 0048 227693300	CERTIFICATION BODY OFFICIAL SEAL	
NOTES	I UNDERTAKE THAT ALL DATA AND INFORMATION PROVIDED ARE GENUINE AND ACCURATE.		

ATTACHEMENT:

COPY OF "CERTIFICATE OF CONFORMITY" NO. 1438 - CPR - 0879 issue 1 ISSUED BY CERTIFICATION BODY