



Date: December 3, 2021

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER	1. 854/BA/21 2. protocol no. 854/BA/21	CERTIFICATE NUMBER	DC - UAE - 0197
DATE OF ISSUE	1. September 30, 2021 2. October 21, 2021	DATE OF ISSUE	December 3, 2021
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	December 2, 2031
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	DOT-6000 in varieties DOT6043, DOT-6046
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	Smoke and heat detector type DOT-6000 in varieties DOT6043, DOT-6046 with short-circuit isolator (Detailed specification below)		4 (854/BA/21)	
TESTS STANDARD	EN 54-5:2017+A1:2018 Fire detection and fire alarm systems - Part 5: Heat detectors - Point heat detectors EN 54-7:2018 Fire detection and fire alarm systems - Part 7: Smoke detectors - Point smoke detectors that operate using scattered light, transmitted light or ionization EN 54-17:2005+AC:2007 Fire detection and fire alarm systems - Part 17: Short-circuit isolators		9 (854/BA/21)	
TESTS DESCRIPTION	Requirements, test methods and performance criteria for multisensor smoke and heat detector intended to broadcast a warning of fire between a fire detection and fire alarm system and the occupants of a building.		9 (854/BA/21)	
	Type:	DOT-6043	DOT-6046	4-6 (854/BA/21)
	Supply voltage [V DC]:	16,5 ÷ 24,6		
	Quiescent current [A]:	≤ 0,00015		
	Alarm current [A]:	≤ 0,00015		
	Classification of the detector according to EN 54-5:	A1R, A2R, BR, A2S, BS		
	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]:	-25 ÷ +55		
	Material of housing:	plastic material		
	Dimensions [mm]:	Ø 115 x 54 (with a socket)		
Mass [g]:	180			
TESTS RESULTS	EN 54-5	Position of heat sensitive element	PASS	42-107 (854/BA/21)
	EN 54-5	Individual alarm indication	PASS	
	EN 54-5	Connection of ancillary devices	PASS	
	EN 54-5	Monitoring of detachable point heat detectors	PASS	
	EN 54-5	Manufacturing adjustments	PASS	
	EN 54-5	On-site adjustment of response behaviour	PASS	
	EN 54-5	Software controlled detector (when provided)	PASS	
	EN 54-5	Directional dependence	PASS	
	EN 54-5	Statyczna temperatura zadziałania / Static response temperature	PASS	
	EN 54-5	Response times from typical application temperature	PASS	
	EN 54-5	Response times from 25°C	PASS	
	EN 54-5	Response times from high ambient temperature	PASS	
	EN 54-5	Reproducibility	PASS	
	EN 54-5	Additional test for suffix S point heat detectors	PASS	
	EN 54-5	Additional test for suffix R point heat detectors	PASS	
	EN 54-5	Variation in supply parameters	PASS	
	EN 54-5	Cold (operational)	PASS	
	EN 54-5	Dry heat (endurance)	NOT APPLICABLE	
	EN 54-5	Damp heat, cyclic (operational)	PASS	
	EN 54-5	Damp heat, steady state (endurance)	PASS	
	EN 54-5	Sulphur dioxide (SO2) corrosion (endurance)	PASS	
	EN 54-5	Shock (operational)	PASS	
	EN 54-5	Impact (operational)	PASS	
	EN 54-5	Vibration, sinusoidal (operational)	PASS	
	EN 54-5	Vibration, sinusoidal (endurance)	PASS	
	EN 54-5	EMC, immunity (operational)	PASS	



	EN 54-7	Individual alarm indication	PASS	
	EN 54-7	Connection of ancillary devices	PASS	
	EN 54-7	Monitoring of detachable detectors	PASS	
	EN 54-7	Manufacturer's adjustments	PASS	
	EN 54-7	On-site adjustment of response behaviour	PASS	
	EN 54-7	Protection against the ingress of foreign bodies	PASS	
	EN 54-7	Response to slowly developing fires	PASS	
	EN 54-7	Software controlled detectors (when provided)	PASS	
	EN 54-7	Repeatability	PASS	
	EN 54-7	Directional dependence	PASS	
	EN 54-7	Reproducibility	PASS	
	EN 54-7	Air movement	PASS	
	EN 54-7	Dazzling	PASS	
	EN 54-7	Variation in supply parameters	PASS	
	EN 54-7	Fire sensitivity	PASS	
	EN 54-7	Cold (operational)	PASS	
	EN 54-7	Dry heat (operational)	PASS	
	EN 54-7	Damp heat, steady state (operational)	PASS	
	EN 54-7	Damp heat, steady state (endurance)	PASS	
	EN 54-7	Sulphur dioxide (SO ₂) corrosion (endurance)	PASS	
	EN 54-7	Shock (operational)	PASS	
	EN 54-7	Impact (operational)	PASS	
	EN 54-7	Vibration, sinusoidal (operational)	PASS	
	EN 54-7	Vibration, sinusoidal (endurance)	PASS	
	EN 54-7	Electromagnetic compatibility (EMC)	PASS	
	EN 54-17	Reproducibility	PASS	
	EN 54-17	Requirements	PASS	
	EN 54-17	Dry heat (operational)	PASS	
	EN 54-17	Cold (operational)	PASS	
	EN 54-17	Shock (operational)	PASS	
	EN 54-17	Impact (operational)	PASS	
	EN 54-17	Vibration, sinusoidal (operational)	PASS	
	EN 54-17	Vibration, sinusoidal (endurance)	PASS	
	EN 54-17	Damp heat, cyclic (operational)	PASS	
	EN 54-1	Damp heat, steady state (endurance)	PASS	
	EN 54-17	Sulphur dioxide (SO ₂) corrosion (endurance)	PASS	
	EN 54-17	Variation in supply parameters	PASS	
	EN 54-17	Electromagnetic compatibility (EMC), immunity tests (operational)	PASS	
PRODUCT APPLICATION GUIDELINE	KK-E389/01.2021 KK-E389/01.2021/EN	Multisensor smoke and heat detector type DOT-6000 is equipped with short-circuit isolator. This product has two sensors: heat and smoke. Multisensor smoke and heat detector type DOT-6000 with short-circuit isolator has to be used with 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 الامارات العربية المتحدة


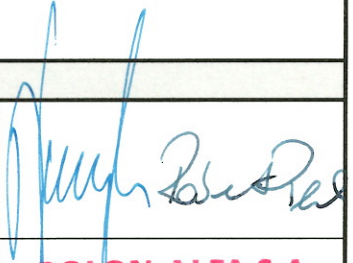
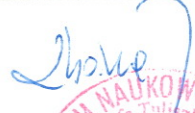

وزارة الداخلية

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 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, 2022	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	Dariusz Nawajski Robert Pestko	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. Jacek Zboina	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:
CERTIFICATION BODY

COPY OF "CERTIFICATE OF CONSTANCY OF PERFORMANCE" NO. 1438-CPR-0798 ISSUED BY