




Date: April 6, 2018

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER	1. 509/BA/17 2. 1518/BA/15 3. 172/BA/13 4. 3892/BA/08 5. 2701/BA/05	CERTIFICATE NUMBER	DC - UAE - 0090
DATE OF ISSUE	1. January 5, 2018 2. January 22, 2016 3. May 28, 2013 4. June 17, 2008 5. March 13, 2006	DATE OF ISSUE	April 6, 2018
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	April 5, 2028
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	ROP-4001M, ROP-4001MH
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	Manual call point type ROP-4001M, ROP-4001MH with short-circuit isolator (Detailed specification below)		4 (509/BA/17) 3 (172/BA/13) 2 (3892/BA/08) 3 (2701/BA/05)	
TESTS STANDARD	EN 54-11:2001+A1:2005 Fire detection and fire alarm systems - Part 11: Manual call points EN 54-17:2005 + AC:2007 Fire detection and fire alarm systems - Part 17: Short-circuit isolators		5 (509/BA/17) 6 (1518/BA/15) 4 (172/BA/13) 2 (3892/BA/08) 7-8 (2701/BA/05)	
TESTS DESCRIPTION	Requirements, test methods and performance criteria for manual call point intended to broadcast a warning of fire between a fire detection and fire alarm system and the occupants of a building.		5 (509/BA/17) 5-6 (1518/BA/15) 4 (172/BA/13) 3 (3892/BA/08) 8-9 (2701/BA/05)	
SPECIFICATION OF TEST SPECIMEN	Type:	ROP-4001M ROP-4001MH	4 (509/BA/17) 4 (1518/BA/15) 3 (172/BA/13) 3-4 (2701/BA/05)	
	Release type:	B: indirect operation		
	Additional indicators for alarm condition:	yes; LED diode in the operating face		
	Frangible element:	resettable		
	Protection against accidental operation:	no		
	Environmental category:	for indoor use		for outdoor use
	Enclosure protection:	no tests		MCP is adequately protected against the ingress of water
	Operating temperature [°C]:	- 10 ÷ + 55		- 25 ÷ + 70
	Nominal line voltage [V DC]:	24		
	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		
	Alarm current [A]:	0,00014		
	Type of installation:	surface wall mounted		
Dimensions [mm]:	102 x 98 x 46			
Material of housing:	plastic material			
Mass [g]:	160			
TESTS RESULTS	EN 54-11	Alarm condition	PASS	6-7 (509/BA/17) 3 (172/BA/13) 3-5 (3892/BA/08) 10-22 (2701/BA/05)
	EN 54-11	Indicators for alarm condition	PASS	
	EN 54-11	Safety aspects	PASS	
	EN 54-11	Protection against accidental operation	NOT APPLICABLE	
	EN 54-11	Operational performance test	PASS	
	EN 54-11	Function test	PASS	
	EN 54-11	Marking and data	PASS	
	EN 54-11	Normal condition	PASS	
	EN 54-11	Reset facility	PASS	
	EN 54-11	Test facility	PASS	
	EN 54-11	Shape, dimensions and colours	PASS	
	EN 54-11	Symbols and lettering	PASS	
	EN 54-11	Environment category	PASS	
	EN 54-11	Additional requirements for software controlled manual call points	PASS	
	EN 54-11	Test facility test (operational)	PASS	
EN 54-11	Reliability test (endurance)	PASS		



	EN 54-11 - EN 60068-2-2 EN 54-11 - EN 60068-2-2 EN 54-11 - EN 60068-2-1 EN 54-11 - EN 60068-2-27 EN 54-11 EN 54-11 - EN 60068-2-6 EN 54-11 - EN 60068-2-6 EN 54-11 - EN 60068-2-30 EN 54-11 - EN 60068-2-30 EN 54-11 - EN 60068-2-56 EN 54-11 - EN 60068-2-18 EN 54-11 - EN 60068-2-30 EN 54-11 - EN 60068-2-42 EN 54-11 EN 54-11 - EN 50130-4	Dry heat (operational) Dry heat (endurance) Cold (operational) Shock (operational) Impact (operational) Vibration, sinusoidal (operational) Vibration, sinusoidal (endurance) Damp heat, cyclic (operational) Damp heat, cyclic (endurance) Damp heat, steady state (endurance) Enclosure protection Damp heat, cyclic (endurance) Sulphur dioxide (SO ₂) corrosion (endurance) Variation of supply parameters Electromagnetic compatibility (EMC) (operational)	PASS PASS* PASS PASS PASS PASS PASS PASS PASS* PASS PASS PASS* PASS PASS PASS PASS	
	* Not applicable to the manual call point type ROP-4001M (MCP for indoor use).			
TESTS RESULTS	EN 54-17 EN 54-17 EN 54-17 - EN 60068-2-2 EN 54-17 - EN 60068-2-1 EN 54-17 - EN 60068-2-27 EN 54-17 EN 54-17 - EN 60068-2-6 EN 54-17 - EN 60068-2-6 EN 54-17 - EN 60068-2-30 EN 54-17 - EN 60068-2-78 EN 54-17 - EN 60068-2-42 EN 54-17 EN 54-17 - EN 50130-4	Reproducibility Requirements Dry heat (operational) Cold (operational) Shock (operational) Impact (operational) Vibration, sinusoidal (operational) Vibration, sinusoidal (endurance) Damp heat, cyclic (operational) Damp heat, steady state (endurance) Sulphur dioxide (SO ₂) corrosion (endurance) Variation in supply parameters Electromagnetic compatibility (EMC), immunity	PASS PASS PASS PASS PASS PASS PASS PASS PASS PASS PASS PASS PASS	8 (509/BA/17) 7-9 (1518/BA/15)
PRODUCT APPLICATION GUIDELINE	KK-E325/03.2018 KK-E325/03.2018/EN	Manual call point type ROP-4001M can be used indoor and type ROP-4001MH can be used outdoor. It is equipped with short-circuit isolator. This product ROP-4001M, ROP-4001MH has to be used with fire detection and fire alarm systems.		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, 2018	VALIDITY	October 11, 2021
REFERENCE NUMBER	AC 063	REFERENCE NUMBER	AB 207
CERTIFICATION MARK	 CNBOP-PIB		
(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 S.A. ul. Glinki 155 85-861 BYDGOSZCZ NIP 554-03-11-901
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 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:

COPY OF "CERTIFICATE OF CONFORMITY" NO. 1438-CPR-0090 ISSUED BY CERTIFICATION BODY