Date: February 19, 2019

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER	1. 150/BA/17 with the amendment 2. 5634/BA/11	**CERTIFICATE NUMBER**	DC – UAE – 0108
DATE OF ISSUE	1. June 19, 2017 (amendment dated August 3, 2017) 2. March 14, 2013	**DATE OF ISSUE**	February 19, 2019
DATE OF EXPIRY	Not applicable	**DATE OF EXPIRY**	February 18, 2029
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	TMCDAS BV	**NAME OF THE BRAND**	TMCDAS BV
FACTORY ADDRESS / REGION	Newtonstraat 18 1704 SB Heerhugowaard, The Netherlands	**MODEL / NO**	IS8200-1, IS8200-2
WEBSITE	www.ontruimingsinstallatie.nl	**LOGO ON THE PRODUCT**	TMCDAS voice alarm evacuation systems
TELEPHONE	+31 (0)85 877 00 78	**EMAIL**	info@tmcdas.nl

CENTRUM NAUKOWO-BADAWCZE OCHRONY PRZECIWPOŻAROWEJ im. Józefa Tuliszkowskiego MIĘDZYNARODOWY INSTYTUT BADAWCZY

Product Details From Test Report				Reference Test Report Page No.
DESCRIPTION OF THE PRODUCT	Short-circuit isolator type IS8200 in varieties IS8200-1, IS8200-2 (Detailed specification below)			3 (5634/BA/11)
TESTS STANDARD	EN 54-17:2005 + AC:2007 Fire detection and fire alarm systems - Part 17: Short-circuit isolators			6 (150/BA/17 with the amendment) 5 (5634/BA/11)
TESTS DESCRIPTION	Requirements, test methods and performance criteria for conventional line adapter intended to broadcast a warning of fire between a fire detection and fire alarm system and the occupants of a building.			6 (150/BA/17 with the amendment) 5 (5634/BA/11)
SPECIFICATION OF TEST SPECIMEN	Type:	IS8200-1	IS8200-2	3-4 (150/BA/17 with the amendment) 4 (5634/BA/11)
	Integral status indication:	yes	no	
	Connection of ancillary devices:	no		
	Detachable device:	no		
	On-site adjustment of the isolator:	no		
	Software controlled device:	yes		
	Nominal voltage [V DC]:	24		
	Maximum voltage [V DC]:	30		
	Minimal voltage [V DC]:	20		
	Maximum voltage at which the device isolates [V DC]:	8,4		
	Minimum voltage at which the device isolates [V DC]:	6,5		
	Maximum voltage at which the device reconnects [V DC]:	18		
	Minimum voltage at which the device reconnects [V DC]:	1,5		
	Operating temperature [°C]:	-10 ÷ +55		
	Dimensions (Length x Width x Height) [mm]:	34 x 88 x 60		
	Mass [g]:	100		
TESTS RESULTS	EN 54-17	Reproducibility	PASS	6-7 (150/BA/17 with the amendment) 6 (5634/BA/11)
	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	
PRODUCT APPLICATION GUIDELINE	Version 2.1 2018	Short-circuit isolator type IS8200 in varieties IS8200-1, IS8200-2 is intended for voice alarm evacuation systems. The isolator is made as small box for mounting on top of a fire dome of a ceiling loudspeaker or build in a housing of wall mounting loudspeaker.		Not applicable

CENTRUM NAUKOWO-BADAWCZE OCHRONY PRZECIWPOŻAROWEJ im. Józefa Tuliszkowskiego PAŃSTWOWY INSTYTUT BADAWCZY

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, 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		SIGNATURE	
EMAIL / TELEPHONE		FACTORY OFFICIAL SEAL	
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 +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-0332 ISSUED BY CERTIFICATION BODY