



EVPU[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0405 Rev.2

In compliance with the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Voice alarm control and indicating equipment Variodyn[®] D1 + Comprio

For specifications see Annex

produced by

Novar GmbH

Dieselstrasse 2, D-41469 Neuss, Germany

and produced in the manufacturing plant

Novar GmbH

Dieselstrasse 2, D-41469 Neuss, Germany

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 54-16: 2008, EN 54-4: 1997/A2: 2006/AC: 1999

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on September 18th, 2014 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nová Dubnica, September 18th, 2014



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Marking may only be used if conformity with all relevant and effective Directives of EP and Council is attested.



Marek Hudák
Director NB

Technical Specifications

Voice alarm control and indicating equipment consisted of the following components

583362.22	DOM 4-24	583496	EOL Module
583361.22	DOM 4-8	583312	Installation Kit for DCS
583381.22	SCU	584961	Housing for one FW- Call station DCSF
583331.21	UIM	584962	Housing for two FW- Call station DCSF
583371.21	MSU	583944	Comprio 4-8 net
583351	VCM	583945	Comprio 4-24 net
580221.41	Amplifier 2XH250	583940	Comprio 4-8 stand alone
580222.41	Amplifier 2XH500	583941	Comprio 4-24 stand alone
580231	Amplifier 2XD250	584913	19" Rack for VARIODYN D1 Comprio 12 HU
580232	Amplifier 2XD400	583308	Handheld Microphone for Comprio KMC-21
580242	Amplifier 4XD125B with battery charger	584900	Upright cabinet with hinged frame 24U
580243	Amplifier 4XD250B with battery charger	584901	Upright cabinet with hinged frame 40U
580248	Amplifier 4XD300	584902	Upright cabinet with hinged frame 24U
580249	Amplifier 4XD500	584903	Upright cabinet with hinged frame 40U
583392	LWL Switch for Ethernet link	584910	Upright cabinet without hinged frame 26U
583393	LWL Switch for Ethernet link	584911	Upright cabinet without hinged frame 42U
581721	Emergency Power Supply SLAT 24V/150A	583301.21	Digital call station DCS15
581725	Power supply unit 24V-4 net	583302.21	Digital call station DCS2
581724	Power supply unit 24V-2 net	583708.ES	Ventilation field 1HE
583307	Wall Jack for Communication Unit DCS	583708.HO	Ventilation field 1HE
583316.21	LWL Converter OIM	583708.AV	Ventilation field 1HE
583317.21	LWL Converter DCS	583708.NO	Ventilation field 1HE
583315.02	Power Supply for LWL Converter	583708.GE	Ventilation field 1HE
583316.SM	LWL Converter OIM	583708.SI	Ventilation field 1HE
583317.SM	LWL Converter DCS	584920	SZP 19" ZPAS rack
583387.21	Time Control Module (GPS)	583501.RE	Redundant digital call station DCS15r
583341.21	CIM	583502.RE	Redundant digital call station DCS2r
584932	Fan Cartridge	583503.RE	Redundant fire brigade digital call station DCSF12r
583332	Surge protection module for UIM	583504.RE	Redundant fire brigade digital call station DCSF1r
583306.21	Digital key module DKM18	583506	Digital key module for redundant call stations DKM18
583303.21	Fire brigade digital call station DCSF12		
583304.21	Fire brigade digital call station DCSF1		
583305.21	Fire brigade digital call station DCSF7		
583386.21	I ² C - RS232 Adapter		

List of optional functions with requirements included in the VACIE

EN 54-16

7.3	Audible warning
7.4	Delays to entering the voice alarm condition
7.5	Phased evacuation
7.6.2	Manual silencing of the voice alarm condition
7.7.2	Manual reset of the voice alarm condition
7.8	Output to fire alarm devices
7.9	Voice alarm condition output
8.3	Indication of faults related to the transmission path to the CIE
8.4	Indication of faults related to voice alarm zones
10	Voice alarm manual control
12	Emergency microphone(s)
13.14	Redundant power amplifiers



Annex to Certificate No. 1293 - CPR – 0405 Rev.2 from September 18th, 2014

Products parameters:

Essential characteristics	Performance	Harmonised technical specification	
		EN 54-16:2008	EN 54-4:1997/A2:2006/AC:1999
Performance under fire conditions	Pass	cl. 4, 5, 7, 10, 12, 16.5, 16.6, 16.7	-
Response delay (response time to fire)	Pass	cl. 7.1, 7.4, 7.8, 12	-
Performance of power supply	Pass	-	cl. 4, 5, 6
Operational reliability	Pass	cl. 4, 5, 6, 7, 8, 12, 13, 14	cl. 4, 5, 6, 7, 8
Durability of operational reliability and response delay: - temperature resistance	Pass	cl. 16.4, 16.8	cl. 9.5
Durability of operational reliability and response delay: - vibration resistance	Pass	cl. 16.11, 16.12, 16.13	cl. 9.7, 9.8, 9.15
Durability of operational reliability and response delay: - electrical stability	Pass	cl. 16.14, 16.15	cl. 9.9
Durability of operational reliability and response delay: - humidity resistance	Pass	cl. 16.9, 16.10	cl. 9.6, 9.14

History of certification

No.	Certificate No.	Description	Date
1	1293-CPR-0405	Original certificate issued	April 14 th , 2014
2	1293-CPR-0405 Rev.1	Added new components	June 24 th , 2014
3	1293-CPR-0405 Rev.2	Added new components	September 18 th , 2014



Nová Dubnica, September 18th, 2014

Marek Hudák
Director NB

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