



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0385

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

Fire Alarm Control Panel NOBY-220iR2

is control and indicating equipment used in fire alarm systems in buildings
For specifications see Annex

produced by

Noby UK Ltd

**1F Mill Fold, Elland Road, Ripponden, Halifax
West Yorkshire, HX6 4DJ, UK**

and produced in the manufacturing plant

Noby UK Ltd

**1F Mill Fold, Elland Road, Ripponden, Halifax
West Yorkshire, HX6 4DJ, UK**

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

EN 54-2: 1997/A1: 2006/AC: 1999, 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 October 14, 2013 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, October 14, 2013




Marek Hudák
Director NB



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

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Annex to Certificate No. 1293 - CPR - 0385 from October 14, 2013

General Information:

Noby-220iR2 is a microprocessor controlled Fire Panel with 2 detector and sounder circuits. Noby-220iR2 can handle 10 smoke detectors, 10 call-points for each zone and sounder current for both circuits is 150mA. Fire Panel is supplied by 230V AC and backup made by internal 12V battery. Fire Panel is controlled by 4 under lighted pushbuttons and equipped with one internal siren, fault open collector, alarm relay and interlink data bus.

zone input voltage (with EOLC):	10.5V
main board zones:	2 loops for detectors and 2 loops for sounders
expansion zones:	up to 10 detectors and 10 call-points in each loop
zone max. detector standby current:	1mA/circuit
environmental:	temperature range: -5 to 40 °C, humidity: to 95 % RH
batteries:	12V, 1.2 Ah

Hardware and software identification

Hardware:	Software:
MCU: PIC16F883 and PIC16F676	N220iR2 1-0
Compiler: MPLAB	

List of optional functions with requirements included in the c.i.e:

Clause: 7.8	Description: Output to the fire alarm device
Clause: 8.4	Description: Total loss of power supply
Clause: 8.9	Description: Output to fault warning routing equipment
Clause: 10	Description: Test condition

Products parameters:

Essential characteristics	Performance	Harmonised technical specification	
		EN 54-2:1997/A1:2006/AC:1999	EN 54-4:1997/A2:2006/AC:1999
Performance under fire conditions	Pass	cl. 4, 5, 7	-
Response delay (response time to fire)	Pass	cl. 7.1, 7.7	-
Operational reliability	Pass	cl. 4 to 10, 12, 13, 14	cl. 4, 5, 6, 7, 8
Performance of power supply	Pass	-	cl. 4, 5, 6
Durability of operational reliability and response delay: - temperature resistance	Pass	cl. 15.4	cl. 9.5
Durability of operational reliability and response delay: - vibration resistance	Pass	cl. 15.6, 15.7, 15.15	cl. 9.7, 9.8, 9.15
Durability of operational reliability and response delay: - electrical stability	Pass	cl. 15.8 to 15.13	cl. 9.9
Durability of operational reliability and response delay: - humidity resistance	Pass	cl. 15.5, 15.14	cl. 9.6, 9.14

Nová Dubnica, October 14, 2013




Marek Hudák
 Director NB

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