



EVPÜ[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0485

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

Manual call point MHA 145, MHA 184

For specifications see Annex

produced by

LITES Liberec s.r.o.

Oblouková 135, 463 03 Stráž nad Nisou, Czech Republic

and produced in the manufacturing plant

LITES Liberec s.r.o.

Kateřinská 235, 463 03 Stráž nad Nisou, Czech Republic

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 54-11:2001/A1:2005

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

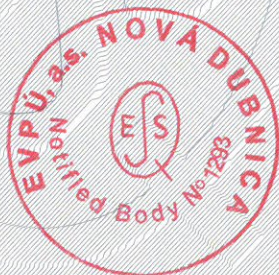
This certificate was first issued on March 31, 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nová Dubnica, March 31, 2015



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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

Annex to Certificate No. 1293 - CPR - 0485 from March 31, 2015

Technical Specifications

Manual call point MHA 145, MHA 184 is heavy fire detector, intended in cooperation with addressable and conventional (non addressable) control and indicating equipment LITES for manual signalling of fire by a person who discovered the fire. Manual call point is intended for use in areas unprotected against atmospheric conditions and wherever suits its coverage and climatic resistance. Manual call point is designed for an environment in which the manual call points of light construction cannot be used, e.g. by increased demands on mechanical strength. Manual call point is connectable to the addressable CIE MHU 109, MHU 110, MHU 111, MHU 115, MHU 116, MHU 117 and non addressable CIE MHU 108 and MHU 113. Manual call point is set at the factory for use in addressable system, or in non addressable with voltage or current detection lines. This setting can be changed by using of addressing preparation.

Electrical specifications:

Addressable system

Input voltage: $20^{+1}_{-3} V_{imp}$
Equivalent current: 120 μA
Address area: 1÷128

Conventional system

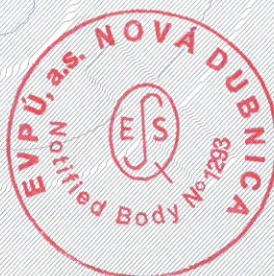
Input voltage: 16÷24 V DC
Rated input voltage: 21,5 V DC

Other specifications: manual MHA 145 version 01/2015, manual MHA 184 version 01/2015

Products parameters:

Essential characteristics	Performance	Harmonised technical specifications
		EN 54-11:2001/A1:2005
Nominal activation conditions / Sensitivity and Performance under fire conditions	Pass	cl. 4.3.2, 4.4, 4.7.1, 5.2, 5.3
Operational reliability	Pass	cl. 4.2, 4.3.1, 4.5, 4.6, 4.7.2, 4.7.3, 4.7.5, 4.8, 5.4, 5.5
Durability of operational reliability: temperature resistance	Pass	cl. 5.7, 5.8, 5.9
Durability of operational reliability: vibration resistance	Pass	cl. 5.14 to 5.17
Durability of operational reliability: humidity resistance	Pass	cl. 5.10, 5.11, 5.12, 5.19
Durability of operational reliability: corrosion resistance	Pass	cl. 5.11, 5.13
Durability of operational reliability: electrical stability	Pass	cl. 5.6, 5.18

Nová Dubnica, March 31, 2015



Marek Hudač
Director NO