



EVPU[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0607

In compliance with *Regulation (EU) No 305/2011 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

Intelligent analogue addressable fire alarm manual call point with built-in isolator module SensoIRIS MCP150MR, Belinda MCP150MR, Erida MCP150MR, Marl MCP150MR, Smoke sense MCP150MR, Expera HMi-MR

For specifications see Annex 1 and 2 to this certificate

placed on the market under the name or trade mark of

**Teletek Electronics JSC
14A Srebarna Str., 1407 Sofia, Bulgaria**

and produced in the manufacturing plant

**Teletek Electronics JSC
14A Srebarna Str., 1407 Sofia, Bulgaria**

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

EN 54-11:2001

EN 54-11:2001/A1:2005

EN 54-17:2005

EN 54-17:2005/AC:2007

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

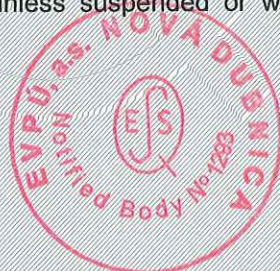
constancy of performance of the construction product.

This certificate was first issued on July 10th, 2018 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Nová Dubnica, July 10th, 2018

053312

EVPU a.s., Trenčianska 19, SK 018 51 Nová Dubnica, Slovak Republic, www.evpu.sk
Page 1 / 3 FCO 425-13 Rev.1



Marek H u d á k
Director NB

Annex 1 to Certificate No. 1293 - CPR – 0607 from July 10th, 2018

Technical Specifications

The addressable manual call points SensoIRIS MCP150MR and derived variants are designed for application in addressable fire alarm systems, which support TTE communication protocol. The call point has a built-in isolator module which when used allows continuous operation of the loop in case of short circuit and without need of using additional isolator modules. The call points are powered on from the fire panel and can be controlled via the communication protocol.

Products parameters:

Operating voltage	15+32VDC
Current consumption without communication (max)	125 μ A @ 27 V DC
Current consumption with communication (max)	160 μ A @ 27 V DC
Current consumption in Fire mode	3mA
Material, colour	metal powder-coated, red
Type (mode of operation according to EN 54-11)	B
Working element (2 parts)	
- Frangible element	non-resettable (a break glass)
- Operating element	resettable (a button)
Indication "Fire alarm"	red LED
Operation temperature	-10°C + +60°C
Relative humidity	$\leq (93\pm 3)\%$ @ +40°C
Dimensions	125x125x36mm
Weight	500g

Isolator module parameters:

<i>V_{max}</i>	Maximum line voltage	32V
<i>V_{nom}</i>	Nominal line voltage	28V
<i>V_{min}</i>	Minimum line voltage	15V
<i>V_{so max}</i>	Maximum voltage at which the device isolates	7.5V
<i>V_{so min}</i>	Minimum voltage at which the device isolates	5.9V
<i>V_{sc max}</i>	Maximum voltage at which the device reconnects	6.7V
<i>V_{sc min}</i>	Minimum voltage at which the device reconnects	5V
<i>I_{c max}</i>	Maximum rated continuous current with the switch closed	0.7A
<i>I_{s max}</i>	Maximum rated switching current (e.g. under short circuit)	1.8A
<i>I_{l max}</i>	Maximum leakage current with the switch open (isolated state)	16mA
<i>Z_{c max}</i>	Maximum series impedance with the switch closed	0.12 Ω @28VDC; 0.15 Ω @15VDC

Nová Dubnica, July 10th, 2018



Marek Hudák
Director NB

Annex 2 to Certificate No. 1293 - CPR – 0607 from July 10th, 2018

Essential characteristics	Harmonised technical specification		Performance
	EN 54-11:2001 EN 54-11/A1:2005	EN 54-17:2005 EN 54-17/AC:2007	
Nominal activation conditions / Sensitivity and Performance under fire conditions	cl. 4.3.2, 4.4, 4.7.1, 4.7.4=N/A, 5.2, 5.3	cl. 5.2	Pass
Operational reliability	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	cl. 4	Pass
Durability of operational reliability: temperature resistance	cl. 5.7, 5.8=N/A, 5.9	cl. 5.4, 5.5	Pass
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	cl. 5.9 to 5.12	Pass
Durability of operational reliability: humidity resistance	cl. 5.10, 5.11=N/A, 5.12, 5.19=N/A	cl. 5.6, 5.7	Pass
Durability of operational reliability: corrosion resistance	cl. 5.11=N/A, 5.13	cl. 5.8	Pass
Durability of operational reliability: electrical stability	cl. 5.6, 5.18	cl. 5.3, 5.13	Pass



Nová Dubnica, July 10th, 2018
053315

Marek Huďák
Director NB



EVRO

EVRO

EVRO

EVRO

EVRO

EVRO

EVRO

EVRO

EVRO

