



# EVPÜ<sup>®</sup>

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0541

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

### Addressable fire alarm control panel IRIS

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

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

and produced in the manufacturing plant

**Teletek Electronics JSC**  
**14A Srebarňa 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 54-2: 1997**  
**EN 54-2: 1997/AC: 1999**  
**EN 54-2: 1997/A1: 2006**  
**EN 54-4: 1997**  
**EN 54-4: 1997/AC: 1999**  
**EN 54-4: 1997/A1: 2002**  
**EN 54-4: 1997/A2: 2006**

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 April 11<sup>th</sup>, 2017 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, April 11<sup>th</sup>, 2017

053083

EVPÜ a.s., Trenčianska 19, SK 018 51 Nová Dubnica, Slovak Republic, [www.evpu.sk](http://www.evpu.sk)  
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Marek Hudák  
Director NB

## Annex to Certificate No. 1293 - CPR – 0541 from April 11<sup>th</sup>, 2017

### Technical Specifications

IRIS is an analogue addressable fire panel with maximum coverage of 96 zones, with 1 or 2 loops and 198 (99 detectors and 99 modules) devices per loop. The panel maintains a System Sensor series 200/500 protocol. An arbitrary number of devices can be added to each zone thus ensuring the easy adaptation of the system to any type of configuration. The front panel consists of a graphic LCD display (dimensions 240 x 320 mm) with a built-in touch screen and a light-emitting diode indication. One or two loop expanders can be supplemented to the mother board. Each one can control up to 198 addressable devices (99 modules and 99 detectors).

### Products parameters:

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Main Power Supply:            | 230V~                                            |
| Frequency:                    | 50/60Hz                                          |
| Back-up battery:              | 12V/18Ah                                         |
| Zones:                        | 96 displayed zones                               |
| Inputs:                       | 4 programmable for volt-free Normal Open contact |
| Monitored relay outputs:      | 4 (Sounder, Fire, Fault and Fire Protection)     |
| Non monitored relay outputs:  | 4 programmable, 230V/10A                         |
| Working temperature:          | -10°C + 50°C                                     |
| Relative humidity:            | up to 95% (without condense)                     |
| Storage temperature:          | -10°C + 60°C                                     |
| Weight (without the battery): | 6kg                                              |

| Essential characteristics                                                        | Harmonised technical specification                             |                                                                                         | Performance |
|----------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------|
|                                                                                  | EN 54-2:1997<br>EN 54-2:1997 /AC:1999<br>EN 54-2:1997 /A1:2006 | EN 54-4:1997<br>EN 54-4:1997 /AC:1999<br>EN 54-4:1997 /A1:2002<br>EN 54-4:1997 /A2:2006 |             |
| Performance under fire conditions                                                | cl. 4, 5, 7                                                    | ---                                                                                     | Pass        |
| Performance of power supply                                                      | ---                                                            | cl. 4, 5, 6                                                                             | Pass        |
| Response delay (response time to fire)                                           | cl. 7.1, 7.7, 7.11, 7.12                                       | ---                                                                                     | Pass        |
| Operational reliability                                                          | cl. 4, 5, 6, 7, 8, 9, 10,<br>11=N/A, 12, 13, 14                | cl. 4, 5, 6, 7, 8                                                                       | Pass        |
| Durability of operational reliability and response delay: temperature resistance | cl. 15.4                                                       | cl. 9.5                                                                                 | Pass        |
| Durability of operational reliability: vibration resistance                      | cl.15.6,15.7,15.15                                             | cl. 9.7, 9.8, 9.15                                                                      | Pass        |
| Durability of operational reliability: electrical stability                      | cl. 15.8, 15.9 to<br>15.12=N/A, 15.13                          | cl. 9.9,<br>9.10 to 9.13=N/A                                                            | Pass        |
| Durability of operational reliability: humidity resistance                       | cl. 15.5, 15.14                                                | cl. 9.6, 9.14                                                                           | Pass        |



Nová Dubnica, April 11<sup>th</sup>, 2017

Marek Hudák  
Director NB

## Certificate of Product Approval

Certificate Number: 1139h

Issue: 02

### Teletek Electronics JSC

14A Srebarna Street  
Sofia  
Bulgaria  
1407



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

#### Products

##### Control and Indicating Equipment

IRIS (1-4)L M / IRIS (1-4)L P

IRIS (0) Repeater M / IRIS (0) Repeater P

(refer to Appendix for details)

#### Standards

EN 54-2:1997 + A1:2006

EN 54-4:1997 + A1:2002 + A2:2006

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for LPCB

E Mattie-Suleiman

Verifier

16 May 2017

Date of Issue

15 May 2017

Date of First Issue



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LPCB is part of BRE Global Ltd, Watford, WD25 9XX  
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)



## Appendix to Certificate No: 1139h Teletek Electronics JSC

Issue: 02

| Certified Product       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LPCB Ref.No. |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-----------|-----------------|-----------|----------------------------------------------------------|---------------|---------------------|-------------|---------------------|-----------|--------------------------|-------------------------|-------------------------------------|----------------|------------------------|----------|
| IRIS                    | <p>IRIS (1-4)L M - Intelligent Analogue Addressable Interactive Fire Alarm Control Panel, metal housing</p> <p>IRIS (1-4)L P - Intelligent Analogue Addressable Interactive Fire Alarm Control Panel, plastic housing</p> <p>Incorporating the following modular units:</p> <table> <tr> <td>uPC Board</td> <td>Module IRIS uPC</td> </tr> <tr> <td>LCD Board</td> <td>Module IRIS LCD</td> </tr> <tr> <td>LED Board</td> <td>Module IRIS Light Panel includes boards uPC, LCD and LED</td> </tr> <tr> <td>Outputs Board</td> <td>Module IRIS Outputs</td> </tr> <tr> <td>Relay Board</td> <td>Module IRIS 4 Relay</td> </tr> <tr> <td>PSU Board</td> <td>IRIS Module Power supply</td> </tr> <tr> <td>Redundant Network Board</td> <td>Module Redundant Network IRIS/SIMPO</td> </tr> <tr> <td>Loop TTE Board</td> <td>IRIS Loop Expander TTE</td> </tr> </table> <p>Certified with the following options with requirements from EN54-2:</p> <ul style="list-style-type: none"> <li>7.8 Output to fire alarm devices (option with requirements)</li> <li>7.9 Control of fire alarm routing equipment (options with requirements) <ul style="list-style-type: none"> <li>7.9.1 Output to fire alarm routing equipment (option with requirements)</li> </ul> </li> <li>7.10 Outputs to fire protection equipment (options with requirements) <ul style="list-style-type: none"> <li>7.10.1 Output type A (option with requirement)</li> </ul> </li> <li>7.11 Delays to outputs (option with requirements)</li> <li>7.12 Dependencies on more than one alarm signal (option with requirements) <ul style="list-style-type: none"> <li>7.12.1 Type A dependency (option with requirement)</li> </ul> </li> <li>8.3 Fault signals from points (option with requirements)</li> <li>9.5 Disablement of addressable point (option with requirements)</li> </ul> | uPC Board    | Module IRIS uPC | LCD Board | Module IRIS LCD | LED Board | Module IRIS Light Panel includes boards uPC, LCD and LED | Outputs Board | Module IRIS Outputs | Relay Board | Module IRIS 4 Relay | PSU Board | IRIS Module Power supply | Redundant Network Board | Module Redundant Network IRIS/SIMPO | Loop TTE Board | IRIS Loop Expander TTE | 1139h/01 |
| uPC Board               | Module IRIS uPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
| LCD Board               | Module IRIS LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
| LED Board               | Module IRIS Light Panel includes boards uPC, LCD and LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
| Outputs Board           | Module IRIS Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
| Relay Board             | Module IRIS 4 Relay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
| PSU Board               | IRIS Module Power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
| Redundant Network Board | Module Redundant Network IRIS/SIMPO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |
| Loop TTE Board          | IRIS Loop Expander TTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                 |           |                 |           |                                                          |               |                     |             |                     |           |                          |                         |                                     |                |                        |          |

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Signed for LPCB

E Mattie-Suleiman  
Verifier

16 May 2017  
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T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)



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## Appendix to Certificate No: 1139h Teletek Electronics JSC

Issue: 02

| Certified Product       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LPCB Ref.No. |                 |           |                 |           |                                                          |           |                          |                         |                                     |           |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-----------|-----------------|-----------|----------------------------------------------------------|-----------|--------------------------|-------------------------|-------------------------------------|-----------|
|                         | <p>10 Test condition (option with requirements)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>The scope of the approval does not include the operation of the network functionality</li> <li>The product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                 |           |                 |           |                                                          |           |                          |                         |                                     |           |
| IRIS-0                  | <p>IRIS (0) Repeater M - Intelligent Analogue Addressable Interactive Fire Alarm Control Panel - Repeater, metal housing</p> <p>IRIS (0) Repeater P - Intelligent Analogue Addressable Interactive Fire Alarm Control Panel- Repeater, plastic housing</p> <p>Approved for use with the IRIS Intelligent Analogue Addressable Interactive Fire Alarm Control Panel</p> <p>Incorporating the following modules:</p> <table> <tr> <td>uPC Board</td> <td>Module IRIS uPC</td> </tr> <tr> <td>LCD Board</td> <td>Module IRIS LCD</td> </tr> <tr> <td>LED Board</td> <td>Module IRIS Light Panel includes boards uPC, LCD and LED</td> </tr> <tr> <td>PSU Board</td> <td>IRIS Module Power supply</td> </tr> <tr> <td>Redundant Network Board</td> <td>Module Redundant Network IRIS/SIMPO</td> </tr> </table> | uPC Board    | Module IRIS uPC | LCD Board | Module IRIS LCD | LED Board | Module IRIS Light Panel includes boards uPC, LCD and LED | PSU Board | IRIS Module Power supply | Redundant Network Board | Module Redundant Network IRIS/SIMPO | 1139h/R01 |
| uPC Board               | Module IRIS uPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                 |           |                 |           |                                                          |           |                          |                         |                                     |           |
| LCD Board               | Module IRIS LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                 |           |                 |           |                                                          |           |                          |                         |                                     |           |
| LED Board               | Module IRIS Light Panel includes boards uPC, LCD and LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                 |           |                 |           |                                                          |           |                          |                         |                                     |           |
| PSU Board               | IRIS Module Power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                 |           |                 |           |                                                          |           |                          |                         |                                     |           |
| Redundant Network Board | Module Redundant Network IRIS/SIMPO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                 |           |                 |           |                                                          |           |                          |                         |                                     |           |

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