

# Certificate of Constancy of Performance

This is to certify that:

**Control Equipment Limited**Hillcrest Business Park  
Cinder Bank  
Dudley  
DY2 9AP  
United Kingdom

Holds Certificate No:

**0086-CPR-607216**

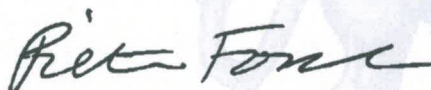
In respect of:

**EN 12094-1:2003, EN 54-2:1997+A1:2006 & AC:2007 and  
EN 54-4:1998+A1:2003 & A2:2006.****Electrical Automatic Control and Delay Devices for Gas Extinguishing Systems, Control & Indicating Equipment and Power Supply Equipment.**

In compliance with 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 above construction product.

This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standards under system 1+/1 are applied and that the product products fulfil all the prescribed requirements set out above.

For and on behalf of BSI,  
a Notified Body for the above Regulation  
(Notified Body Number 0086):



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Pietro Foschi - Strategic Delivery Director

This certificate remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard(s), used to assess the performance of the declared characteristics, do not change and the product(s), and the manufacturing conditions in the plant(s) are not modified significantly.

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# Certificate of Constancy of Performance

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Manufacturing Plant:

**Tyco Fire & Integrated Solutions s.r.o.**

Ulice Osvobozeni 363

Rajecko

67902

Czech Republic

## Product Information

### Model Reference

Prescient III

### Type

Fire Alarm &amp; Gas Extinguishing Control Panel (Environmental Class A)

*Certified for use with ADT, Apollo series 30, 60, 65 and Orbis, Fulleon, GLT Exports, Grinnell, Hochiki, Honeywell, KAC, Nittan, System Sensor, Thorn, Tyco, Zettler and Ziton fire detection and alarm devices.*

*The Prescient III is also suitable for use with Status Lamp Units (SLU).*

## Options with requirements

Certified with the following options with requirements from EN 54-2:1997:

- Outputs to fire alarm devices (clause 7.8)
- Output to fire alarm routing equipment (clause 7.9.1)
- Output to fault warning routing equipment (clause 8.9)
- Test condition (clause 10)

Certified with the following options with requirements from EN 12094-1:2003:

- Delay of extinguishing signal (clause 4.17)
- Signal representing the flow of extinguishing agent (clause 4.18)
- Monitoring of the status of components (clause 4.19)
- Emergency hold device (clause 4.20)
- Manual only mode (clause 4.23)
- Triggering signals to equipment within the system (clause 4.24)
- Triggering signals to equipment outside the system (clause 4.26)
- Emergency abort device (clause 4.27)
- Activation of alarm devices with different signals (clause 4.30)

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# Certificate of Constancy of Performance

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## Product Information

Model Reference	Type
<b>FIRECLASS</b> Prescient III	Fire Alarm & Gas Extinguishing Control Panel (Environmental Class A)

*Certified for use with ADT, Apollo series 30, 60, 65 and Orbis, Fullcon, GLT Exports, Grinnell, Hochiki, Honeywell, KAC, Nittan, System Sensor, Thorn, Tyco, Zettler and Ziton fire detection and alarm devices.  
The **FIRECLASS** Prescient III is also suitable for use with the **FIRECLASS** Prescient III Status Lamp Units (SLU).*

## Options with requirements

Certified with the following options with requirements from EN 54-2:1997:

- Outputs to fire alarm devices (clause 7.8)
- Output to fire alarm routing equipment (clause 7.9.1)
- Output to fault warning routing equipment (clause 8.9)
- Test condition (clause 10)

Certified with the following options with requirements from EN 12094-1:2003:

- Delay of extinguishing signal (clause 4.17)
- Signal representing the flow of extinguishing agent (clause 4.18)
- Monitoring of the status of components (clause 4.19)
- Emergency hold device (clause 4.20)
- Manual only mode (clause 4.23)
- Triggering signals to equipment within the system (clause 4.24)
- Triggering signals to equipment outside the system (clause 4.26)
- Emergency abort device (clause 4.27)
- Activation of alarm devices with different signals (clause 4.30)

**Note:** The **FIRECLASS** Prescient III is also certified for use in other language variants such as Belgian, Danish, Dutch, Swedish, Czech and Arabic.

# Certificate of Constancy of Performance

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## Product Information

Model Reference	Type
HiSafe Prescient III	Fire Alarm & Gas Extinguishing Control Panel (Environmental Class A)

*Certified for use with ADT, Apollo series 30, 60, 65 and Orbis, Fullleon, GLT Exports, Grinnell, Hochiki, Honeywell, KAC, Nittan, System Sensor, Thorn, Tyco, Zettler and Ziton fire detection and alarm devices.  
The Prescient III is also suitable for use with Status Lamp Units (SLU).*

## Options with requirements

Certified with the following options with requirements from EN 54-2:1997:

- Outputs to fire alarm devices (clause 7.8)
- Output to fire alarm routing equipment (clause 7.9.1)
- Output to fault warning routing equipment (clause 8.9)
- Test condition (clause 10)

Certified with the following options with requirements from EN 12094-1:2003:

- Delay of extinguishing signal (clause 4.17)
- Signal representing the flow of extinguishing agent (clause 4.18)
- Monitoring of the status of components (clause 4.19)
- Emergency hold device (clause 4.20)
- Manual only mode (clause 4.23)
- Triggering signals to equipment within the system (clause 4.24)
- Triggering signals to equipment outside the system (clause 4.26)
- Emergency abort device (clause 4.27)

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# Certificate of Constancy of Performance

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**Product Information****Model Reference**

Prescient III Dutch variant

**Type**

Fire Alarm &amp; Gas Extinguishing Control Panel (Environmental Class A)

*Certified for use with ADT, Apollo series 30, 60, 65 and Orbis, Fullcon, GLT Exports, Grinnell, Hochiki, Honeywell, KAC, Nittan, System Sensor, Thorn, Tyco, Zettler and Ziton fire detection and alarm devices.  
The Prescient III is also suitable for use with Status Lamp Units (SLU).*

**Options with requirements**

Certified with the following options with requirements from EN 54-2:1997:

Outputs to fire alarm devices (clause 7.8)  
Output to fire alarm routing equipment (clause 7.9.1)  
Output to fault warning routing equipment (clause 8.9)  
Test condition (clause 10)

Certified with the following options with requirements from EN 12094-1:2003:

Delay of extinguishing signal (clause 4.17)  
Signal representing the flow of extinguishing agent (clause 4.18)  
Monitoring of the status of components (clause 4.19)  
Emergency hold device (clause 4.20)  
Manual only mode (clause 4.23)  
Triggering signals to equipment within the system (clause 4.24)  
Triggering signals to equipment outside the system (clause 4.26)  
Emergency abort device (clause 4.27)

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No. 0086-CPR-607216

**Product Information****Model Reference**

Prescient III Danish variant

**Type**

Fire Alarm &amp; Gas Extinguishing Control Panel (Environmental Class A)

*Certified for use with ADT, Apollo series 30, 60, 65 and Orbis, Fullleon, GLT Exports, Grinnell, Hochiki, Honeywell, KAC, Nittan, System Sensor, Thorn, Tyco, Zettler and Ziton fire detection and alarm devices.  
The Prescient III is also suitable for use with Status Lamp Units (SLU).*

**Options with requirements**

Certified with the following options with requirements from EN 54-2:1997:

Outputs to fire alarm devices (clause 7.8)  
Output to fire alarm routing equipment (clause 7.9.1)  
Output to fault warning routing equipment (clause 8.9)  
Test condition (clause 10)

Certified with the following options with requirements from EN 12094-1:2003:

Delay of extinguishing signal (clause 4.17)  
Signal representing the flow of extinguishing agent (clause 4.18)  
Monitoring of the status of components (clause 4.19)  
Emergency hold device (clause 4.20)  
Manual only mode (clause 4.23)  
Triggering signals to equipment within the system (clause 4.24)  
Triggering signals to equipment outside the system (clause 4.26)  
Emergency abort device (clause 4.27)  
Activation of alarm devices with different signals (clause 4.30)

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# Certificate of Constancy of Performance

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## Product Information

### Model Reference

Prescient III Belgian variant

### Type

Fire Alarm & Gas Extinguishing Control Panel (Environmental Class A)

*Certified for use with ADT, Apollo series 30, 60, 65 and Orbis, Fulleon, GLT Exports, Grinnell, Hochiki, Honeywell, KAC, Nittan, System Sensor, Thorn, Tyco, Zettler and Ziton fire detection and alarm devices.  
The Prescient III is also suitable for use with Status Lamp Units (SLU).*

## Options with requirements

Certified with the following options with requirements from EN 54-2:1997:

- Outputs to fire alarm devices (clause 7.8)
- Output to fire alarm routing equipment (clause 7.9.1)
- Output to fault warning routing equipment (clause 8.9)
- Test condition (clause 10)

Certified with the following options with requirements from EN 12094-1:2003:

- Delay of extinguishing signal (clause 4.17)
- Signal representing the flow of extinguishing agent (clause 4.18)
- Emergency hold device (clause 4.20)
- Manual only mode (clause 4.23)
- Triggering signals to equipment within the system (clause 4.24)
- Triggering signals to equipment outside the system (clause 4.26)
- Emergency abort device (clause 4.27)
- Activation of alarm devices with different signals (clause 4.30)

### Control Equipment Ltd Product Model

Prescient III

### Alternative Branded Model

MZXE  
MZXE Belgian Language Variant  
MZXE Danish Language Variant  
MZXE Dutch Language Variant

### Supplier

Thorn Security Limited  
Thorn Security Limited  
Thorn Security Limited  
Thorn Security Limited

**Note:** The MZXE is also certified for use in other language variants such as Belgian, Danish, Dutch, Swedish, Czech and Arabic

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## Appendix 1

Harmonised Technical Specification		EN 54-2:1997+A1
Essential Characteristics	Performance	Clause
<b>Performance Under Fire Conditions</b>		
General requirements	Pass	4
General requirements for indications	Pass	5
The fire alarm condition	Pass	7
<b>Response Delay (response time to fire)</b>		
Reception and processing of fire signals	Pass	7.1
Output of the fire alarm condition	Pass	7.7
Delay to outputs	Pass	7.11
Dependencies on more than one alarm signal	Pass	7.12
<b>Operational Reliability</b>		
General requirements	Pass	4
General requirements for indications	Pass	5
The quiescent condition	Pass	6
The fire alarm condition	Pass	7
Fault warning condition	Pass	8
Disabled condition	Pass	9
Test condition	Pass	10
Design requirements	Pass	12
Additional design requirements for software controlled control and indicating equipments	Pass	13
Marking	Pass	14
<b>Durability of Operational Reliability</b>		
Cold (operational)	Pass	15.4
Damp heat, steady state (operational)	Pass	15.5
Impact (operational)	Pass	15.6
Vibration, sinusoidal (operational)	Pass	15.7
Electromagnetic Compatibility (EMC), Immunity tests (operational)	Pass	15.8
Supply voltage variations	Pass	15.13
Damp heat, steady state (endurance)	Pass	15.14
Vibration, sinusoidal (endurance)	Pass	15.15

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## Appendix 1 (Continued)

Harmonised Technical Specification		EN 54-4:1997+A1 & A2
Essential Characteristics	Performance	Clause
<b>Performance of Power Supply</b>		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
<b>Operational Reliability</b>		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
<b>Durability of Operational Reliability</b>		
Cold (operational)	Pass	9.5
Damp heat, steady state (operational)	Pass	9.6
Impact (operational)	Pass	9.7
Vibration, sinusoidal (operational)	Pass	9.8
Electromagnetic Compatibility (EMC), Immunity tests (operational)	Pass	9.9
Damp heat, steady state (endurance)	Pass	9.14
Vibration, sinusoidal (endurance)	Pass	9.15

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## Appendix 1 (Continued)

Harmonised Technical Specification	EN 12094-1:2003	
Essential Characteristics	Performance	Clause
<b>Performance Parameters Under Fire Conditions</b>		
Signal processing and indication	Pass	4.3
Reception and processing of input triggering signals	Pass	4.4
Transmission of extinguishing signal	Pass	4.5
Activation of alarm devices	Pass	4.6
<b>Response Delay (response time)</b>		
Activated condition	Pass	4.8
<b>Operational Reliability</b>		
Environmental Class	Pass	4.2
Signal processing and indication	Pass	4.3
Reception and processing of input triggering signals	Pass	4.4
Transmission of extinguishing signal	Pass	4.5
Activation of alarm devices	Pass	4.6
Indication of the supply with power	Pass	4.7
Activated condition	Pass	4.8
Indication of activated condition	Pass	4.9
Released condition	Pass	4.10
Indication of released condition	Pass	4.11
Resetting of the activated condition and the released condition	Pass	4.12
Fault warning condition	Pass	4.13
Indication of the fault warning condition	Pass	4.14
Disabled condition	Pass	4.15
Indication of disabled condition	Pass	4.16
Mechanical design	Pass	5.2
Manual controls	Pass	5.3
Indication by means of separate light emitting indicators	Pass	5.4.2
Indications by means of alphanumeric displays	Pass	5.4.3
Audible indicators	Pass	5.5
Electrical design of components	Pass	5.6
Circuit design	Pass	5.7

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**Appendix 1**  
(Continued)

Harmonised Technical Specification		EN 12094-1:2003
Essential Characteristics	Performance	Clause
<b>Operational Reliability</b>		
Additional design requirements for software controlled ECD's	Pass	6
Marking	Pass	7
Documentation	Pass	8
<b>Durability of Operational Reliability</b>		
Environmental Class	Pass	4.2
Functional tests	Pass	9.2