Cooper Lighting and Safety Limited Wheatley Hall Road, Doncaster South Yorkshire, DN2 4NB

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Fax: +44 (0) 1302 303333
Email: info@cooperfire.com
Web: www.cooperfire.com



# **DECLARATION OF PERFORMANCE**

# **No DoP0021**

Product(s) Identification Code:
MAH830; CAHB330; FXN725
Type, Batch or serial number or any other element allowing identification of the construction products(s)as required pursuant to Article 11(4):  MAH830; CAHB330; FXN725
Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as forseen by the manufacturer:
Fire detection and fire alarm systems
Name, registered trade name or registered trade mark and contact address of the manufactureras required pursuant to Article 11(5):
Cooper Lighting and Safety Limited, Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB
Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):
Not applicable
System or systems of assessment and verification of constancy of performance of the construction product as set out in AnnexV:  System 1
In case of the declaration of performance concerning a construction product covered by the harmonized standard:  BRE, Garston, Watford, Hertfordshire, WD25 9XX, United Kingdom.
performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:  0832-CPR-F0857
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**COOPER** Safety Fire Systems

#### **Cooper Lighting and Safety Limited**

Wheatley Hall Road, Doncaster South Yorkshire, DN2 4NB Tel: +44 (0) 1302 303999 Fax: +44 (0) 1302 303333

Email: info@cooperfire.com
Web: www.cooperfire.com



### Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

Essential Characteristics	Doufousson	Harmonized Technical Specification	
Essential Characteristics	Performance	EN54-5:2000 + A1:2002	EN54-17:2005
Nominal activation conditions/Sensitivity,		4.2, 4.3, 5.2, to	
Response delay (response time) and	Pass	5.6, 5.8, 6.1 <sup>s</sup> ,	-
Performance under fire conditions		6.2 <sup>R</sup>	
Performance under fire conditions	Pass	-	5.2
Operational reliability	Pass	4.4 to 4.11	4
Tolerance to supply voltage	Pass	5.7	-
Durability Of Operational Reliability, Temperature Resistance	Pass	5.9, 5.10	5.4, 5.5
Durability Of Operational Reliability, Vibration Resistance	Pass	5.14 to 5.17	5.9 to 5.12
Durability Of Operational Reliability, Humidity Resistance	Pass	5.11, 5.12	5.6, 5.7
Durability Of Operational Reliability, Corrosion Resistance	Pass	5.13	5.8
Durability Of Operational Reliability, Electrical Stability	Pass	5.18	5.3, 5.13

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of Cooper Lighting & Safety Limited by:

9 <sup>th</sup> May 2015 – Cwmbran	Y's Well.	
Date and Place of Signature	Philip Williams, Approvals Manager	



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# **DECLARATION OF PERFORMANCE**

# **No DoP0022**

Product(s) Identification Code:
MAOH850; CAPTB340; FXN722
Type, Batch or serial numberor any other elementallowing identification of the construction products(s) as required pursuant to Article 11(4):
MAOH850; CAPTB340; FXN722
Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as forseen by the manufacturer:
Fire detection and fire alarm systems
Name, registered trade name or registered trade mark and contact address of the manufactureras required pursuant to Article 11(5):
Cooper Lighting and Safety Limited, Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB
Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):
Not applicable
System or systems of assessment and verification of constancy of performance of the construction product as set out in AnnexV:
System 1
In case of the declaration of performance concerning a construction product covered by the harmonized standard:
BRE, Garston, Watford, Hertfordshire, WD25 9XX, United Kingdom.
performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:  0832-CPR-F0856
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$I \cup J \subseteq \mathcal{L}$

**COOPER** Safety Fire Systems

### **Cooper Lighting and Safety Limited**

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Fax: +44 (0) 1302 303333 Email: info@cooperfire.com Web: www.cooperfire.com



### Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

		Harmoni	zed Technical S <sub>l</sub>	pecification
Essential Characteristics	Performance	EN54-	EN54-7:2000	
Essential characteristics	Periormance	5:2000 +	+ A1:2002 +	EN54-17:2005
		A1:2002	A2:2006	
Nominal activation conditions/Sensitivity,		4.2, 4.3, 5.2,	4.8, 5.2, to	
Response delay (response time) and	Pass	to 5.6, 5.8,	5.7, 5.18	-
Performance under fire conditions		6.1 <sup>s</sup>	3.7, 3.16	
Performance under fire conditions	Pass	-	-	5.2
Operational reliability	Deer	Pass 4.4 to 4.11	4.2 to 4.7,	4
Operational reliability	Pass	4.4 to 4.11	4.9 to 4.11	4
Tolerance to supply voltage	Pass	5.7	5.5	-
Durability Of Operational Reliability,	Pass	5.9, 5.10	5.8, 5.9	5.4, 5.5
Temperature Resistance	Pass	3.9, 3.10	3.6, 3.9	3.4, 3.3
Durability Of Operational Reliability,	Pass	5.14 to 5.17	5.13 to 5.16	5.9 to 5.12
Vibration Resistance	Pass	3.14 (0 3.17	3.13 (0 3.10	3.9 (0 3.12
Durability Of Operational Reliability,	Pass	5.11, 5.12	5.10, 5.11	5.6, 5.7
Humidity Resistance	r ass	3.11, 3.12	5.10, 5.11	3.0, 3.7
Durability Of Operational Reliability,	Pass	5.13	5.12	5.8
Corrosion Resistance	газэ	3.13	3.12	٥.٥
Durability Of Operational Reliability,	Pass	5.18	5.17	5.3, 5.13
Electrical Stability	газэ	3.10	5.17	J.J, J.15

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of Cooper Lighting & Safety Limited by:

9 <sup>th</sup> May 2015 – Cwmbran	PJ Wall.
Date and Place of Signature	Philip Williams, Approval Manager

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DoP0022.doc



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# **DECLARATION OF PERFORMANCE**

# **No DoP0023**

Type, Batch or serial numberor any other elementallowing identification of the construction products(s) as required pursuant to Article 11(4):  MAP820; CAPB320; FXN723  Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as forseen by the manufacturer:  Fire detection and fire alarm systems  Name, registered trade name or registered trade mark and contact address of the manufactureras required pursuant to Article 11(5):  Cooper Lighting and Safety Limited, Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB  Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):  Not applicable  System or systems of assessment and verification of constancy of performance of the construction product as set out in AnnexV:  System 1
Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as forseen by the manufacturer:  Fire detection and fire alarm systems  Name, registered trade name or registered trade mark and contact address of the manufactureras required pursuant to Article 11(5):  Cooper Lighting and Safety Limited, Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB  Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):  Not applicable  System or systems of assessment and verification of constancy of performance of the construction product as set out in AnnexV:
Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as forseen by the manufacturer:  Fire detection and fire alarm systems  Name, registered trade name or registered trade mark and contact address of the manufactureras required pursuant to Article 11(5):  Cooper Lighting and Safety Limited, Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB  Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):  Not applicable  System or systems of assessment and verification of constancy of performance of the construction product as set out in AnnexV:
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Cooper Lighting and Safety Limited, Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB  Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):  Not applicable  System or systems of assessment and verification of constancy of performance of the construction product as set out in AnnexV:
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set out in AnnexV:
set out in AnnexV:
System 1
In case of the declaration of performance concerning a construction product covered by the harmonized standard:
BRE, Garston, Watford, Hertfordshire, WD25 9XX, United Kingdom.
performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:  0832-CPR-F0855
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#### **Cooper Lighting and Safety Limited**

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## Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.

			ed Technical fication	
<b>Essential Characteristics</b>	Performance	EN54-7:2000		
		+ A1:2002 +	EN54-17:2005	
		A2:2006		
Nominal activation conditions/Sensitivity,		4.8, 5.2, 5.3,		
Response delay (response time) and	Pass	5.4, 5.6, 5.7,	-	
Performance under fire conditions		5.18		
Performance under fire conditions	Pass	-	5.2	
O constituent and a Park III	Pass	4.2 to 4.7,	4	
Operational reliability		4.9 to 4.11		
Tolerance to supply voltage	Pass	5.5	-	
Durability Of Operational Reliability,	Dana	Pass 5.8	E 0 E 0	<b>Г</b>
Temperature Resistance	PdSS	5.8, 5.9	5.4, 5.5	
Durability Of Operational Reliability,	Pass	5.13 to 5.16	5.9 to 5.12	
Vibration Resistance	Pass	3.13 (0 3.10		
Durability Of Operational Reliability,	Pass	F 10 F 11	5.6, 5.7	
Humidity Resistance	Pass	5.10, 5.11	3.0, 3.7	
Durability Of Operational Reliability,	Pass	5.12	5.8	
Corrosion Resistance	F d 5 5	3.12	3.0	
Durability Of Operational Reliability,	Pass	5.17	5.3, 5.13	
Electrical Stability	F d 5 5	3.17	J.3, J.13	

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of Cooper Lighting & Safety Limited by:

9 <sup>th</sup> May 2015 - Cwmbran	
Date and Place of Signature	Philip Williams, Approvals Manager

