

# Certificate of Constancy of Performance

## 0359-CPR-00426



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s)

**Product(s):** **Addressable Input/Output Units**  
(refer to attached appendix for details and conditions)

**Produced by or for:** **Cooper Lighting & Safety Limited**  
Wheatley Hall Road, Doncaster, DN2 4NB, United Kingdom

**Produced in the manufacturing plant(s):** **Cooper Lighting & Safety Limited (COOPLSUK.01)**  
Wheatley Hall Road, Doncaster, DN2 4NB, United Kingdom

and

**Digital Lighting (Dongguan) Co. Ltd (DIGLIGCN.01)**  
Xin Min Road, Xin Min District, Changan Town, 523879, Dongguan City, Guangdong Province, China

**Intended use:** **Fire Safety**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

**EN54-17:2005+AC:2007**

Fire detection and fire alarm systems – Short-circuit isolators

**EN54-18:2005+AC:2007**

Fire detection and fire alarm systems – Input/output devices

under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

This certificate was first issued on **14<sup>th</sup> October 2014** 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and the product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body. A review of the product(s) and compliant standard(s) will be carried out after 5 years to ensure continued compliance.



**Notified Body**  
**0359**

Intertek Testing & Certification Limited  
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Gordon Ash  
**Certification Manager**



Date 01/04/2015  
Issue 2

Re-Issue 14/10/2019

[www.intertek.com](http://www.intertek.com)

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00426

The details and conditions of use for the Addressable Input/Output Units placed on the market by:

#### Cooper Lighting & Safety Limited

Wheatley Hall Road, Doncaster, DN2 4NB, United Kingdom

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

#### Products compliant with EN54-17:2005+AC:2007 and EN54-18:2005+AC:2007:

Part Number	Manufacturing Location	Description
COPIO	COOPLSUK.01	Addressable 3 Channel Input / Output Unit with Short-circuit Isolator (Open Protocol)
MCIM-COP	DIGLIGCN.01	Addressable Micro Single Channel Input Unit with Short-circuit Isolator (Open Protocol)
CZMU352-IS	COOPLSUK.01	Addressable Zone Monitor Unit with Short-circuit Isolator (Used with Intrinsically Safe Barrier *)
COPZMU-IS	COOPLSUK.01	Addressable Zone Monitor Unit with Short-circuit Isolator (Open Protocol, used with Intrinsically Safe Barrier *)
COPZMU	COOPLSUK.01	Addressable Zone Monitor Unit with Short-circuit Isolator (Open Protocol)
CIO351S	COOPLSUK.01	Addressable 3 Channel Input / Output Unit with Short-circuit Isolator (Resets on Silence Alarms)
MIO324T	COOPLSUK.01	Addressable 3 Channel Input / Output Unit with Short-circuit Isolator (Triple Address)

\* MTL5561 Intrinsically Safe Barrier

#### Conditions of use:

Suitable for indoor applications

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Appendix to Certificate of Constancy of Performance 0359-CPR-00426 (continued)

### Branded Variants

Original Part Number	Alternative Part Number	Branded As	Description
CZMU352-IS	MIU871-IS	Menvier	Addressable Zone Monitor Unit with Short-circuit Isolator (Used with Intrinsically Safe Barrier *)
CIO351S	MIO324S	Menvier	Addressable 3 Channel Input / Output Unit with Short-circuit Isolator (Resets on Silence Alarms)

\* MTL5561 Intrinsically Safe Barrier

### General Notes:

1. Evaluated under Intertek project number 101650853.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00426 (continued)

Table of performance for EN54-17:2005+AC:2007			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance under fire conditions	Pass	5.2	a
Operational reliability	Pass	4	b, c, d, e, f, g
Durability of operational reliability; temperature resistance	Pass	5.4, 5.5	
Durability of operational reliability; vibration resistance	Pass	5.9 to 5.12	
Durability of operational reliability; humidity resistance	Pass	5.6, 5.7	
Durability of operational reliability; corrosion resistance	Pass	5.8	
Durability of operational reliability; electrical stability	Pass	5.3, 5.13	
<p>Notes:</p> <p>Applies to Models COPIO, MCIM-COP, CZMU352-IS, MIU871-IS, COPZMU-IS, COPZMU, CIO351S, MIO324S and MIO324T. Models COPIO, MCIM-COP, CZMU352-IS, MIU871-IS, COPZMU-IS, COPZMU, CIO351S, MIO324S and MIO324T also have a declared performance relating to EN54-18:2005+AC:2007.</p> <p>a. This is assuming that the effect of the fire is to cause a short circuit in the transmission path that is protected by these devices.</p> <p>b. Clause 4.2 is only applicable if the short-circuit isolator incorporates an integral visual indication of status; an assessment to this clause was therefore not performed.</p> <p>c. Clause 4.3 is only applicable if the short-circuit isolator provides for connections to ancillary devices; an assessment to this clause was therefore not performed.</p> <p>d. Clause 4.4 is only applicable for detachable short-circuit isolators; an assessment to this clause was therefore not performed.</p> <p>e. Clause 4.5 requires use of a special code or tool, or the breaking or removing of a seal; an assessment to this clause was therefore not performed.</p> <p>f. Clause 4.6 is only applicable if there is provision for on-site adjustment of the short-circuit isolator; an assessment to this clause was therefore not performed.</p> <p>g. The manufacturer declared that the short-circuit isolators are not controlled by software; an assessment to Clause 4.9 was therefore not performed.</p>			

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00426 (continued)

Table of performance for EN54-18:2005+AC:2007			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Response delay (response time)	-	5.2	a
Performance under fire conditions	-	5.1.4	b
Operational reliability	Pass	5.1.4	
Durability of operational reliability temperature resistance	Pass	5.3, 5.4	
Durability of operational reliability; vibration resistance	Pass	5.8 to 5.11	
Durability of operational reliability; humidity resistance	Pass	5.5, 5.6	
Durability of operational reliability; corrosion resistance	Pass	5.7	
Durability of operational reliability; electrical stability	Pass	5.2, 5.12	c

*Notes:*

*Applies to Models COPIO, MCIM-COP, CZMU352-IS, MIU871-IS, COPZMU-IS, COPZMU, CIO351S, MIO324S and MIO324T. Models COPIO, MCIM-COP, CZMU352-IS, MIU871-IS, COPZMU-IS, COPZMU, CIO351S, MIO324S and MIO324T also have a declared performance relating to EN54-17:2005+AC:2007.*

*a. Response delays are not a function of the models as detailed above; an assessment was therefore not made.*

*b. Performance under fire conditions was not assessed as part of this standard.*

*c. Clauses 5.12a and 5.12b are only applicable for devices that incorporate a mains supply; these clauses were therefore not assessed.*

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