

1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

**2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa03ATEX0463/12**

4 Equipment or Protective System: **Type SM87JB Junction Box**

5 Manufacturer: **Cooper MEDC Limited**

6 Address: **Unit B, Sutton Parkway, Oddicroft Lane, Sutton-in-Ashfield, NG17 5FB**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa03ATEX0463** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 Item 9 of the original Certificate is replaced by “Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0: 2012

EN 60079-1: 2007

EN60079-31: 2009

except in respect of those requirements listed at item 18 of the Schedule.”

9 The marking of the equipment has changed from the original Certificate and shall include the following:

Ex II 2 GD Exd IIC T* Gb Tamb -55°C to +*°C Extb IIIC T*°C Db Ta -55°C to +*°C IP66/67

*** See Schedule**

This certificate shall be held with the original certificate.

Baseefa Customer Reference No. **0676**

Project File No. **12/0935**

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SGS Baseefa Limited

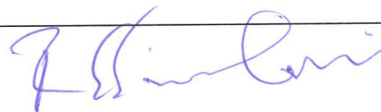
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R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

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Certificate Number Baseefa03ATEX0463/12

15 Description of the variation to the Equipment or Protective System

Variation 12.1

Type SM87 JB – A terminal box with up to 12 direct mount or rail mount terminals. The maximum dissipation in this configuration is 6 Watts.

Optional resistors, zener diodes or end of line units can be fitted. The maximum dissipation in this configuration is 11 Watts

Variation 12.2

Type SM87 JB Relay Unit – Contains a relay with a maximum dissipation of 3.3 Watts

Variation 12.3

Type SM87 JB Telephone Initiate Unit – Contains an encapsulated electronic module and associated terminals with a maximum dissipation of 5 Watts

Variation 12.4

Type SM87 JB Monitor Unit – Contains an encapsulated electronic module and associated terminals with a maximum dissipation of 1 Watts

Variation 12.5

Variations 12.1 to 12.4 replace all previous versions of the SM87JB Junction box

Variation 12.6

The equipment covered by this certificate has been reviewed against the requirements of EN 60079-0: 2012, EN 60079-1: 2007 and EN 60079-31: 2009 and compliance is confirmed.

The equipment marking is changed to:

Ex II 2 GD Exd IIC T* Gb Tamb -55°C to +*°C

Extb IIIC T*°C Db Ta -55°C to +*°C IP66/67

* See below

The marking of ambient temperatures and T Ratings is related to the power dissipation of the units above and is shown below:

Upper Ambient Temperature(°C)	T-Rating	Total Power Dissipation	
		Alloy enclosure	Stainless Steel enclosure
+40	T6/T85°C	1-15W	1-13W
	T5/T100°C	-	14-15W
+55	T6/T85°C	1-13W	1-7W
	T5/T100°C	14-15W	8-13W
	T4/T135°C	-	14-15W
+70	T6/T85°C	1-3W	1W
	T5/T100°C	4-13W	2-7W
	T4/T135°C	14-15W	8-15W
+85	T5/T100°C	1-3W	1W
	T4/T135°C	4-15W	2-15W

16 Report Number

Baseefa Certification Report 12(C)0935

17 Specific Conditions of Use

None

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Issue	Date	Description
562-870*	A	30/05/13	SM87JB Optional Module details
562-871	A	30/05/13	SM87JB ATEX Certification Label

* This drawing is common to and held with certificate number IECEx BAS 13.0048