



**LABORATORIO OFICIAL J. M. MADARIAGA**



**(1) EC-TYPE EXAMINATION CERTIFICATE SUPPLEMENT**

**(2)** Equipment or protective system intended for use in potentially explosive atmospheres.  
Directive 94/9/EC

**(3)** Supplement nr. **2** of EC-Type Examination Certificate: **LOM 03ATEX2034**

**(4)** Equipment or protective system: Switchgear stations  
Type EFS...

**(5)** Manufacturer: COOPER Crouse-Hinds

**(6)** Address: Avda. Santa Eulalia, 290  
08223-TERRASSA (BARCELONA)  
ESPAÑA

**(7)** Test report nr: **LOM 08.227 LP**

**(8) Variations included in this certificate**

- Update manufacture's name
- Update the assessment base on standards EN 60079-0:2009, EN 60079-1:2007 and EN 60079-31:2009
- To complete the included elements according characteristics and configuration

Tipo (*)	Configuration, contents	Enclosure diameter (mm)	Characteristics
EFS- (1)	One push button or signal lamp	98	Ue ≤ 690V Ith2 ≤ 25A
EFS- (1)(2)	Two push button or signal lamp		
EFS-(1)	One push button or signal lamp		
EFS- (1)(2)(3)	Three push button or signal lamp	140	Ue ≤ 690V Ith2 ≤ 63A Polos: 1,2,3 ó 4 Ue ≤ 415V Ie ≤ 60A Ue ≤ 690V Ie ≤ 25A Ue ≤ 690V Ie ≤ 5 A P ≤ 25W
EFS-(1)(2)	One switch		
EFS-(1)(2)	Rotating button for MCB's		
EFS-(1)(2)	Motor protection		
EFS-72(1)	Glass window enclosure for measurement devices and electronic devices		

(\*): (1), (2), (3) = codes according to device type

**(9) Changes in the special conditions for a safe use**

- None



This supplement must be an inseparable part together with the base certificate **LOM 03ATEX2034**

This Certificate is a translation from the original in Spanish. The LOM liability applies only on the Spanish text

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(3) Supplement nr. 2 of EC-Type Examination Certificate: **LOM 03ATEX2034**

(10) Changes in individual tests

None

It must be taken in account the test pressure indicated in supplement 1.

(11) Changes in marking



II 2 GD

Ex d IIC T6 Gb  
Ex t IIIC T85 °C Db  
-20 °C ≤ Ta ≤ +55 °C

(12) Descriptive documents

	Rev.	Date
- Description nr.: EFS _ Extensión nr.2	1	2010-07-29
- Drawings nr.: CCH-0805011	1	2010-07-29

OFICIAL



Getafe, 2011-10-03

Carlos Fernández Ramon  
DIRECTOR OF THE LABORATORY

Angel Vega Remesal  
Head of ATEX area



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