

**(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	$U_e \leq 690V$ $I_{th2} \leq 25A$
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	$U_e \leq 690V$ $I_{th2} \leq 63A$
EFS-(1)(2)	One switch		
EFS-(1)(2)	Rotating button for MCB's		Polos: 1,2,3 6 4 $U_e \leq 415V$ $I_e \leq 60A$
EFS-(1)(2)	Motor protection		$U_e \leq 690V$ $I_e \leq 25A$
EFS-72(1)	Glass window enclosure for measurement devices and electronic devices		$U_e \leq 690V$ $I_e \leq 5 A$ $P \leq 25W$

(*): (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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LABORATORIO OFICIAL J. M. MADARIAGA

(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

- Description nr.: EFS - Extensión nr.2

Rev. 1

Date 2010-07-29

- Drawings nr.: CCH-0805011

1

2010-07-29

OFICIAL



J. M. MADARIAGA

Getafe, 2011-10-03

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