

[1] EC-TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

- [3] EC-Type Examination Certificate Number: Nemko 14 ATEX 5439X Issue 0
- [4] Equipment or Protective System: Manual Call Point & Push Button– CP 150 & PB 150
- [5] Applicant/ Manufacturer: Moflashing Signalling Ltd
- [6] Address: Unit 18 Klaxon Industrial Estate, Tyseley
Birmingham B11 2HA,
United Kingdom.
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
- The examination and test results are recorded in confidential report no. D0001345
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012 (IEC 60079-0:2011) , EN 60079-1:2007 (IEC 60079-1:2007) and EN
60079-31:2009 (IEC 60079-31:2008)
- [10] If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:



II 2GD

Ex d IIC T4~T6 Gb.

Ex tb IIIC T85°C~135°C. (Tamb = -40°C ~+70°C)

Oslo, 2014-11-06

Asle Kaastad
Certification Manager

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[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No. Nemko 14 ATEX 5439X Issue 0****[15] Description of Equipment or Protective System**

This report covers two products, one is Manual Call Point type CP 150 and the other is a Push Button type PB 150. The difference is not involving the Ex protection principle. The product is made up of; main body and front cover both made in GRP material, connected together by a spigot joint. There is actuator head screwed into the cover with an Ex threads of M20*1,5. An operating rod pass through this and forms an Ex Cylindrical joints from the outside to the inside of the enclosure. 2 LED`s are installed in the lid by using cemented joint. There are micro switches, PCB`s and a terminal row inside the housing.

Designation

CP 150 & PB 150 Series

Electrical Ratings:

30V DC 6A, 250 VAC 11A.

Degree of Protection

IP66.

Ambient Variations

Product	Ambient temperature	Marking
CP 150 & PB 150	Tamb=-40°C~+70°C	Ex d IIC T4 Gb. Ex tb IIIC T135°C IP66.
	Tamb=-40°C~+60°C	Ex d IIC T5 Gb. Ex tb IIIC T100°C IP66.
	Tamb=-40°C~+55°C	Ex d IIC T6 Gb. Ex tb IIIC T85°C IP66.

[16] Report No. D0001345**Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
CP150 Ex-proof Manual Call Point & PB 150 Ex-Proof Push Button				
Drawing for CP150 & PB 150				
General Drawing PB 150	55080400000	1.01	13.03.05	1
Dispense Drawing PB 150	55080400001	1.01	13.03.05	1
Part List PB 150	55080400002	1.01	13.03.05	1
General Drawing CP 150	55080500000	1.01	13.03.05	1
Dispense Drawing CP 150	55080500001	1.01	13.03.05	1
Part List CP150	55080500002	1.01	13.03.05	1

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Upper Case CP/ PB 150	55080450102	1.01	13.03.05	1
Main box CP/ PB 150	55060250101	1.01	13.03.05	1
Mallet CP/PB 150	55080110105	1.01	13.03.05	1
Top Body CP/ PB 150	55080110103	1.01	13.03.05	1
Alternative lid screw for 150 serious	55060250401	1.01	13.08.25	1
Alternative lid screw for 150 serious	55060250402	1.01	13.08.25	1
Nam Plate Call Point or Push Button Ex d	M55080010521	1	14-08-22	1

Certificate History and Associated Nemko Reports

Issue	Date	Report	Description
0	2014-11-06	D0001345	Prime Certificate released

Routine Test

A routine pressure test according to EN 60079-1 clause 16 shall be carried out on all enclosures with the following pressures
CP 150 & PB 150 1.7MPa

[17] Specific Condition for Use

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 1 and 2 of EN/IEC 60079-1.

[18] Essential Health and Safety Requirements

Not applicable

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