



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

- (2) Components intended for use in potentially explosive atmospheres - Directive 94/9/EC
- (3) EC-Type Examination Certificate number: **KEMA 99ATEX3174 U**
- (4) Components: **Enclosures Type NXT**
- (5) Manufacturer: **COOPER Crouse-Hinds (UK) Ltd**
- (6) Address: **Dorset Road, Sheerness, Kent ME12 1LP England**
- (7) These components and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) KEMA, notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that these components have been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components 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. 93174.

- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014 : 1992 + prA1 EN 50019 : 1994 + prA1 EN 50281-1-1 : 1998

- (10) The sign "U" placed after the certificate number indicates that this certificate describes components and must not be mistaken for a certificate intended for an equipment or protective system. This EC-Type Examination Certificate may be used as a basis for certification of an equipment or protective system.
- (11) This EC-Type Examination Certificate relates only to the design and construction of the specified components. If applicable, further requirements of this Directive apply to the manufacture and supply of these components.
- (12) The marking of the components shall include the following:



**II 2 G EEx e II
II 2 D**

Arnhem, 25 February 2000
by order of the Board of Directors of N.V. KEMA

L.M.J. Vries
Certification Manager

* This Certificate may only be reproduced in its entirety and without any change



SCHEDULE

(13)

(14)

to EC-Type Examination Certificate KEMA 99ATEX3174 U(15) **Description**

Enclosure Type NXT, for fixed installation, made of stainless steel or painted steel, for mounting of electrical apparatus having a type of protection in accordance with Clause 1.1 of EN 50 014.

Operating temperature range to -65 °C ... +135 °C (for gaskets type HT800).
Operating temperature range to -45 °C ... +80 °C (for gaskets type RA104).

Installation instructions

The degree of protection of at least IP 54 to EN 60529 for use in potentially explosive atmospheres of flammable gases, vapours or mists is only achieved if certified cable entries are used that are suitable for the application and correctly installed.

The degree of protection of IP6X to EN 60529 for use in the presence of combustible dusts is only achieved if E- or ATEX-generation certified cable entries are used that are suitable for the application and correctly installed.

Internal connection facilities for earthing or bonding conductors shall satisfy the requirements stated in Clause 15 of EN 50014.

Mounting instructions

The clearances and creepage distances of the mounted electrical apparatus in type of protection increased safety "e" shall satisfy the requirements stated in Clause 4.3 and Clause 4.4 (Table 1) of EN 50019.

(16) **Report**

No. 93174

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Essential health and safety requirements not covered by standards listed at (9)	
Clause	Subject
1.0.6.b)	Instructions for use

These Essential Health and Safety Requirements are examined and positively judged. The results are laid down in the report listed at (16).

SCHEDULE

(13)

(14)

to EC-Type Examination Certificate KEMA 99ATEX3174 U**Test documentation**

1. Component Certificate KEMA No. Ex-94.D.7483 U

signed

2. Description (2 pages)

02.12.1999

3. Drawing No. 723171

02.12.1999

AMENDMENT 1

to EC-Type Examination Certificate KEMA 99ATEX3174 U

Manufacturer: **Cooper Crouse-Hinds (UK) Ltd.**

Address: **Dorset Road, Sheerness, Kent ME12 1LP, England**

Description

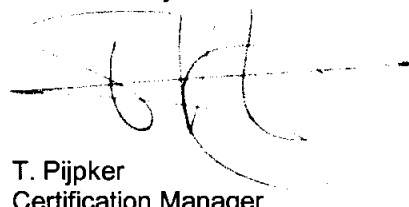
In future, the range of enclosures type NXT can be provided with hinges rotated through 90 degrees and mounted horizontally.

All other data remain unchanged.

Test documentation

	<u>dated</u>
1. Drawing No. 780555 sheet 1, issue 10	23.08.2002
Drawing No. 780555 sheet 2, issue 2	22.04.1999

Arnhem, 19 September 2002
KEMA Quality B.V.



T. Pijpker
Certification Manager

AMENDMENT 2

to EC-Type Examination Certificate KEMA 99ATEX3174 U

Manufacturer: **Cooper Crouse-Hinds (UK) Ltd.**

Address: **Dorset Road, Sheerness, Kent ME12 1LP, England**

Description

In the future the range of enclosures type NXT may also be constructed in accordance with the documentation stated below.

The modifications concern the addition of new enclosure sizes including the option to use thicker material and the change to degree of protection IP 66.

All other data remain unchanged.

Test documentation

	<u>dated</u>
1. Drawing No. 723171, issue 2	06.11.2002
723025, issue 5	07.11.2002
780555 sheet 1 of 2, issue 11	06.11.2002
780555 sheet 2 of 2, issue 3	07.11.2002

Arnhem, 29 January 2003
KEMA Quality B.V.



T. Pijker
Certification Manager