



UNITED KINGDOM CONFORMITY ASSESSMENT

1 **UK TYPE EXAMINATION CERTIFICATE**

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 Certificate Number: **CSAE 22UKEX1158X** Issue: **0**

4 Product: **Cable Transit Devices**

5 Manufacturer: **Roxtec International AB**

6 Address: **Box 540
SE-371 23 KARLSKRONA
Sweden**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Testing UK Limited, Approved Body number 0518, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations. The examination and test results are recorded in the confidential reports listed in Section 14.2.

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

EN IEC 60079-0:2018 EN 60079-7:2015 EN 60079-31:2014

Except in respect of those requirements listed at Section 16 of the schedule to this certificate. The above standards may not appear on the UKAS Scope of Accreditation, but have been added through flexible scope of accreditation, which is available on request.

10 If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This UK TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall be in accordance with Regulation 41 and include the following:



II 2 G D
Ex eb IIC Gb
Ex tb IIIC Db
Ta = -60°C to +80°C

Name: M Halliwell
Title: Director of Operations



SCHEDULE

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Issue 0**

13 DESCRIPTION OF PRODUCT

The Cable Transit Devices ‘CTDs’ (see Type Designation below), for use with circular cables both armoured and non-armoured or corrugated cables (see Corrugated cables below) of non-interrupted and non-metallic outer jacket type or conduits. The CTDs consists of multi diameter sealing modules made of EPDM rubber (type CX and RMX as standard modules) and (type CX BG and RX BG B with bonding and grounding properties) that depending on each individual size, accepts a limited number of cable diameters in applicable types of frames made of stainless steel and shall be marked with the Ex symbol.

The modules are made of mirrored rubber profiles and each part has a number of thin rubber layers that are ending up with a core. The layers are made with two different colours to make the adaption to a cable exactly same on both halves and are allowed to differ one layer at most. To achieve appropriate sealing and mechanical properties to prevent the cables from slippage there shall always be a visible gap between the sealing module halves when adapting modules to the cable or conduit.

The correct sizes and procedure of assembling the cables to the modules are described in detail in the enclosed installation instructions. Ex Compression devices are used to achieve appropriate compression of the modules and solids.

The method to assemble the compression devices etc. and to achieve sealing of the CTDs is described in detail in the installation instructions.

Type Designations:

HD 16 Ex, HD 24 Ex, HD 32 Ex with CX- or CX BG modules.

HDLC Ex with RMX- or RX BG B modules.

Corrugated cables for use with: HD 16 Ex, HD 24 Ex, HD 32 Ex and HDLC.

ACIC (Armoured Control and Instrumentation Cable) according to C22.1-06 CEC,

ACWU (Armoured Cable for Wet locations) according to UL4,

TECK90 according to C22.2 No. 131-07

MC (Metal Clad) according to UL1569

The following amendments have been implemented into the product description in the ATEX Certificate Presafe 15ATEX6419X Issue 1 to 5:

- New additional frame HD 24 Ex added (Issue 1)
- New additional frame HDLC Ex added for RMX and RX BG B modules (Issue 3)
- New additional frame HD 16 Ex added for CX- and CX BG (Issue 4)
- Modules and update of marking to ‘eb’ for HD 24 Ex, HD 32 Ex and HDLC (Issue 4)
- New model of core added, this new model is divided into two halves, one for each module half (Issue 5)

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	08 December 2022	R80092835A	The release of the prime certificate.





SCHEDULE

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Issue 0

- 15 **SPECIFIC CONDITIONS OF USE** (denoted by X after the certificate number)
- 15.1 For maintaining the explosion protection, the installation instructions that accompany the products shall be considered.
- 15.2 Only cable for fixed installation is permitted for the cable transit device.
- 15.3 For optimum reliability wait 24 hours or longer after installation before exposing the cables/pipes to strain or pressure.
- 15.4 IP64 has been considered for Ex eb and tb. IP66/7 is an additional info included on the nameplate which is not relevant for this certification.
- 16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (REGULATIONS SCHEDULE 1)**
- In addition to the Essential Health and Safety Requirements covered by the standards listed in Section 9, all other requirements are demonstrated in the relevant reports.
- 17 **PRODUCTION CONTROL**
- 17.1 Holders of this certificate are required to comply with production control requirements defined in Schedule 3A, as applicable, and CSA Group Testing UK Regulations for Certificate Holders
- 17.2 UKCA label must always be used with the ATEX and IECEx main marking label to provide all the required information in accordance with clause 29 of EN IEC 60079-0: 2018.



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Certificate Annexe

Certificate Number: **CSAE 22UKEX1158X**
 Product: **Cable Transit Devices**
 Manufacturer: **Roxtec International AB**

Issue 0

Drawing	Sheets	Rev.	Date (Stamp)	Title
*S1584994	1 of 1	A	10 Nov 22	HD Series Ex UKCA Label
S1545195	1 of 1	B	10 Nov 22	HD 16 Ex LABEL
S1507712	1 of 1	C	10 Nov 22	HD 24 Ex LABEL
S1506428	1 of 1	C	10 Nov 22	HD 32 Ex LABEL
S1538521	1 of 1	B	10 Nov 22	HDLC Ex LABEL
100-002389	1 to 2	E	10 Nov 22	Black Core
100-025704	1 to 2	D	10 Nov 22	R225 Black
100-040350	1 to 2	C	10 Nov 22	HGF 762
100-040354	1 to 2	C	10 Nov 22	R252 Blue
DOC-000300	1 of 1	A	10 Nov 22	Cellular
S1503777	1 of 1	A	10 Nov 22	SADDLE WASHER
S1503754	1 of 1	A	10 Nov 22	SADDLE WASHER Ex M10
S1503391	1 of 1	A	10 Nov 22	HD Ex STAYPLATE
S1507370	1 of 1	A	10 Nov 22	HD Ex STAYPLATE 40
S1537972	1 of 1	A	10 Nov 22	HD 16 Ex FRAME ASSEMBLY
S1537890	1 of 1	A	10 Nov 22	HD 16 Ex FRAME A
S1537974	1 of 1	A	10 Nov 22	HD 16 Ex COUNTER FRAMES A
S1537976	1 of 1	A	10 Nov 22	HD 16 Ex GASKET A
S1506785	1 of 1	A	10 Nov 22	HD 24 Ex FRAME ASSEMBLY
S1506964	1 of 1	B	10 Nov 22	HD 24 Ex FRAME
S1506961	1 of 1	A	10 Nov 22	HD 24 Ex COUNTER FRAMES
S1506962	1 of 1	A	10 Nov 22	HD 24 Ex GASKET
S1503750	1 of 1	A	10 Nov 22	HD 32 Ex FRAME ASSEMBLY
S1503305	1 of 1	C	10 Nov 22	HD 32 Ex FRAME
S1503395	1 of 1	A	10 Nov 22	HD 32 Ex COUNTER FRAMES
S1503756	1 of 1	B	10 Nov 22	HD 32 Ex GASKET
S1521663	1 of 1	A	10 Nov 22	HDLC Ex FRAME ASSEMBLY
S1518609	1 of 1	B	10 Nov 22	HDLC Ex FRAME
S1521449	1 of 1	A	10 Nov 22	HDLC Ex COUNTER FRAME
S1521454	1 of 1	A	10 Nov 22	HDLC Ex GASKET
S1521562	1 of 1	A	10 Nov 22	HDLC Ex COMPRESSION UNIT 40 ASSEMBLY
S1521463	1 of 1	A	10 Nov 22	HDLC Ex COMPRESSION UNIT 60 ASSEMBLY
S1503358	1 of 1	B	10 Nov 22	C WEDGE 40 Ex AISI 316 ASSEMBLY
S1501824	1 of 1	E	10 Nov 22	CX MODULES ASSEMBLY
S1518774	1 of 1	A	10 Nov 22	RMX MODULES ASSEMBLY
S1502295	1 of 1	E	10 Nov 22	X BG MDM MODULES ASSEMBLY
S1502728	1 of 1	A	10 Nov 22	CX BG SOLID MODULE
S1503099	1 of 1	F	10 Nov 22	RX BG B MDM MODULES ASSEMBLY
S1501817	1 of 1	A	10 Nov 22	RX BG B SOLID MODULES

*Note: S1584994 is the main UKCA marking but it shall be applied with the ATEX and IECEx main frame label specified on one of the drawings S1545195, S1507712, S1506428, S1538521.



CSA Group Testing UK Ltd., Unit 6 Hawarden Industrial Park, Hawarden, CH5 3US, UK

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QD-1599 Issue 4 (2022-08-22)

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