

[1] **EU-TYPE EXAMINATION CERTIFICATE**

[2] **Equipment or Protective System intended for use in potentially explosive atmospheres
Directive 2014/34/EU**

[3] EU-Type Examination Certificate number:

CESI 21 ATEX 031 X

[4] Product: **Cable Glands VOL..., VOLS..., VOLE.. and CRX.. series**

[5] Manufacturer: **Bimed Teknik Aletler Sanayi Ve Ticaret A.S.**

[6] Address: **S.S Bakir ve Pirinç Sanayi Sitesi Leylak Caddesi no:16
TR - 34524 Beylikdüzü – Istanbul (Turkey)**

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

[8] CESI, notified body n. 0722 in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and Council of 26 February 2014, certifies that this Product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or 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 n. EX-C2005806.

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

**EN IEC 60079-0:2018 EN 60079-1:2014
EN IEC 60079-7:2015/A1 :2018 EN 60079-31:2014**

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the Product is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EU-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified Product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this Product. These are not covered by this certificate.

[12] The marking of the Product shall include the following:

	I M2	Ex db I Mb and Ex eb I Mb and/or	VOL.. and VOLS.. types only
	II 2 GD	Ex db IIC Gb and Ex eb IIC Gb and Ex tb IIIC Db	
	II 2 GD	Ex eb IIC Gb and Ex tb IIIC Db	VOLE.. and CRX.. types only

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Date 11.04.2022 - Translation issued the 11.04.2022

Prepared
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Verified
Mirko Balaz

Approved
Roberto Piccin

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Schedule

[14] **EU-TYPE EXAMINATION CERTIFICATE n. CESI 21 ATEX 031 X**

[15] **Description of equipment**

The Cable glands **VOL..** and **VOLS..** (commercial gland family name VOLANS Ex-db) series are suitable for inserting circular shielded, braided, tape armoured, wire armoured and armoured lead sheathed cables into Ex db enclosures having threaded entries and Ex eb or Ex tb enclosures having either threaded or plane entries. Attachment of the glands to an enclosure is by means of the male threaded portion on the male body. An elastomeric inner sealing ring is used to realize sealing between the cable and the gland body. Ingress protection of **IP66/68** (50 m for 30 min.) is maintained when the glands are installed in accordance with the manufacturer's instructions.

The cable glands **VOL..** and **VOLS..** series are designed for the following different uses:

- **VOL..** and **VOLS..** types receive circular cables;
- **VOLM..** and **VOLSM..** types receive circular cables with a Male treaded hub;
- **VOLF..** and **VOLSF..** types receive circular cables with a Female treaded hub;
- **VOLC..** and **VOLSC..** types receive circular cables with a hose connection hub.

Shielded, braided, tape and wire armoured cables clamping: when the upper body is screwed onto the lower body, the braid or armouring wires of the cable are clamped between the grounding cone on which is placed the reversible armour cone ring. Furthermore, a special spring is provided when used for lead sheathed cables to ground the lead sheath.

Cable glands VOL.. and VOLS.. types with thread sizes lower than M20 or 1/2"NPT are not admitted for Group I (mines) applications.

The Cable glands **VOLE..** (commercial gland family name VOLANS Ex-eb) series is suitable for inserting circular shielded, braided, tape armoured, wire armoured cables into Ex eb or Ex tb enclosures having either threaded or plane entries. Attachment of the glands to an enclosure is by means of the male threaded portion on the male body. An elastomeric inner O-ring is used to realize sealing between the cable and the gland body. Ingress protection of **IP66** is maintained when the glands are installed in accordance with the manufacturer's instructions.

The Cable glands **VOLE..** series is designed for the following different uses:

- **VOLE..** types receive circular cables;
- **VOLEM..** types receive circular cables with a Male treaded hub;
- **VOLEF..** types receive circular cables with a Female treaded hub;
- **VOLEC..** types receive circular cables with a hose connection hub.

Shielded, braided, tape and wire armoured cables clamping: when the upper body is screwed onto the lower body, the braid or armouring wires of the cable is clamped between the grounding cone on which is placed the reversible armour cone ring.

The Cable glands **CRX..** (commercial gland family name CRUX Ex-eb) series is suitable for inserting circular cables into Ex eb or Ex tb enclosures having either threaded or plane entries. Attachment of the glands to an enclosure is by means of the male threaded portion on the male body. An elastomeric inner O-ring is used to realize sealing between the cable and the gland body. Ingress protection of **IP66/68** (50 m for 30 min.) is maintained when the glands are installed in accordance with the manufacturer's instructions.

The cable glands **CRX..** series is designed for the following different uses:

- **CRX..** types receive circular cables;
- **CRXM..** types receive circular cables with a Male treaded hub;
- **CRXF..** types receive circular cables with a Female treaded hub;
- **CRXC..** types receive circular cables with a hose connection hub.

Cables clamping: when the cup is screwed onto the lower body, the cable is clamped between the cup and the lower body.

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All the Cable glands types standard threads are cylindrical ISO Metric 965/1 and ISO 965/3 from M12x1.5 up to M115x1.5 and tapered series NPT ANSI/ASME B1.20.1 from 1/4" up to 5".

Alternative available cylindrical threads are ISO Metric 965/1 and ISO 965/3 pitch 2, GAS ISO 228/1, NPSM ANSI/ASME B1.20.1 and series PG DIN 40430 from PG7 up to PG48 size. Thread series PG DIN 40430 can be used for "Ex eb" execution only.

The whole Cable glands series is generally made in Brass. The following alternative materials can be supplied on demand:

- Nickel-plated Brass;
- Stainless steel;
- Galvanized carbon steel.

The cable glands can be also used for intrinsically safe circuits Ex i and should have a part painted in light blue.

Ambient/service temperature ranges:

All the models are admitted for: - 60 °C ÷ + 130 °C;
Models made of Galvanized carbon steel: limited up to - 20 °C.

Degree of protection (IP code):

Cable glands **VOL..** and **VOLS..** series are with: IP 66 / 68 (50 m for 30 min.);
Cable glands **VOLE..** series are with: IP 66;
Cable glands **CRX..** series are with: IP 66 / 68 (50 m for 30 min.).

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Identification of Cable glands VOL.. and VOLS.. series:

VOL	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>10</u> <u>11</u> <u>12</u>	<u>1</u>	Table 1.	Model codes corresponding to mounting thread types and sizes
VOLC	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>9</u> <u>10</u> <u>11</u> <u>12</u>	<u>2</u>	Optional code	Blank: Standard clamping range XS or S: Reduced clamping range
VOLF	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u> <u>12</u>	<u>3</u>	Thread pitch (*)	Blank: 1.5 pitch 2: 2.0 pitch
VOLM	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u> <u>12</u>	<u>4</u>	Mounting thread type	N: NPT ANSI ASME B1.20.1 M: Metric ISO 261 P: PG DIN 40430 (for Ex-e only) S: NPSM ANSI ASME B1.20.1 C: GAS ISO 228/1
VOLS	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>10</u> <u>11</u> <u>12</u>	<u>5</u>	Table 1.	Model codes corresponding to the upper thread types and sizes
VOLSC	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>9</u> <u>10</u> <u>11</u> <u>12</u>	<u>6</u>	Optional code	Blank: Standard clamping range XS or S: Reduced clamping range
VOLSF	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u> <u>12</u>	<u>7</u>	Thread pitch (*)	Blank: 1.5 pitch 2: 2.0 pitch
VOLSM	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u> <u>12</u>	<u>8</u>	Upper thread type	N: NPT ANSI ASME B1.20.1 M: Metric ISO 261 P: PG DIN 40430 (for Ex-e only) S: NPSM ANSI ASME B1.20.1 C: GAS ISO 228/1
		<u>9</u>	Ferule type (**)	S: Small Blank: Standard L: Large XL: X-large
		<u>10</u>	Body material	B: Brass X: Stainless steel BN: Nickel plated brass Z: Galvanized steel
		<u>11</u>	Sealing material	S: Silicon
		<u>12</u>	Lead sheath cables	-LSK: Lead sheath spring (optional)

(*) - For Metric threads only

(**) - For VOLC, VOLSC only

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Sizes and clamping ranges of cable glands VOL.. and VOLS.. series are listed on the following **Table 1.**

Cable gland thread size CODE (*)		Thread size		Cable Dia. ranges (mm)	
Metric code	NPT code	ISO	NPT	Inner sheath	Armour sheath
0S	0S	M 12	1/4"	3.0-8.0	5.5-12.0
01S	01S	M 16	3/8"	3.0-8.0	5.5-12.0
01	01	M 16	1/2"	6.0-12.0	9.0-16.0
1XS	1XS	M 20	1/2"	3.0-8.0	5.5-12.0
1S	1S	M 20	1/2"	6.0-12.0	9.0-16.0
1	1	M 20	1/2"	6.0-14.0	12.0-20.0
2XS	2XS	M 25	3/4"	6.0-12.0	9.0-16.0
2S	2S	M 25	3/4"	6.0-14.0	12.0-20.0
2	2	M 25	3/4"	11.0-20.0	16.0-26.0
3XS	3XS	M 32	1"	6.0-14.0	12.0-20.0
3S	3S	M 32	1"	11.0-20.0	16.0-26.0
3	3	M 32	1"	16.0-26.5	20.0-33.0
4XS	4XS	M 40	1 1/4"	11.0-20.0	16.0-26.0
4S	4S	M 40	1 1/4"	16.0-26.5	20.0-33.0
4	4	M 40	1 1/4"	22.0-32.5	29.0-41.0
5XS	5XS	M 50	1 1/2"	16.0-26.5	20.0-33.0
5S	5S	M 50	1 1/2"	22.0-32.5	29.0-41.0
5	5	M 50	1 1/2"	29.0-44.0	36.0-52.0
6XS	6XS	M 63	2"	22.0-32.5	29.0-41.0
6S	6S	M 63	2"	29.0-44.0	36.0-52.0
6	-	M 63	-	43.0-56.0	50.0-65.0
-	6	-	2"	43.0-54.3	50.0-65.0
7XS	7XS	M 75	2 1/2"	29.0-44.0	36.0-52.0
7S	7S	M 75	2 1/2"	43.0-56.0	50.0-65.0
7	-	M 75	-	54.0-68.0	61.0-78.0
-	7	-	2 1/2"	54.0-65.3	61.0-78.0
80XS	80XS	M 80	3"	43.0-56.0	50.0-65.0
80S	80S	M 80	3"	54.0-68.0	61.0-78.0
80	80	M 80	3"	65.0-75.0	75.0-89.0
8X	-	M 90	-	43.0-56.0	50.0-65.0
-	9XS	-	3 1/2"	54.0-68.0	61.0-78.0
8S	-	M 90	-	54.0-68.0	61.0-78.0
-	9S	-	3 1/2"	65.0-78.0	75.0-89.0
8	-	M 90	-	65.0-78.0	75.0-89.0
-	9	-	3 1/2"	76.0-92.0	88.0-104.0
9XS	10XS	M 100	4"	54.0-68.0	61.0-78.0
-	10S	-	4"	65.0-78.0	75.0-89.0
9S	-	M 100	-	65.0-78.0	75.0-89.0
9	10	M 100	4"	76.0-92.0	88.0-104.0
10XS	-	M 110	-	54.0-68.0	61.0-78.0
-	11XS	-	5"	65.0-78.0	75.0-89.0
10S	-	M 110	-	65.0-78.0	75.0-89.0
-	11S	-	5"	76.0-92.0	88.0-104.0
10	-	M 110	-	76.0-92.0	88.0-104.0
11XS	-	M 115	-	54.0-68.0	61.0-78.0
11S	-	M 115	-	65.0-78.0	75.0-89.0
11	-	M 115	-	76.0-92.0	88.0-104.0

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Schedule

[14] **EU-TYPE EXAMINATION CERTIFICATE n. CESI 21 ATEX 031 X**

(*) *The code and the related thread size are referred to the enclosure mounting threads and for VOLM and VOLF types to the hub threads too.*

Identification of Cable glands *VOLE..* and *CRX..* series:

VOLE	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>10</u> <u>11</u>	<u>1</u>	Table 2.	Model codes corresponding to mounting thread types and sizes
VOLEC	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>9</u> <u>10</u> <u>11</u>	<u>2</u>	Optional code	Blank: Standard clamping range XS or S: Reduced clamping range
VOLEF	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u>	<u>3</u>	Thread pitch (*)	Blank: 1.5 pitch 2: 2.0 pitch
VOLEM	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u>	<u>4</u>	Mounting thread type	N: NPT ANSI ASME B1.20.1 M: Metric ISO 261 P: PG DIN 40430 (for Ex-e only) S: NPSM ANSI ASME B1.20.1 C: GAS ISO 228/1
CRX	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>10</u> <u>11</u>	<u>5</u>	Table 2.	Model codes corresponding to the upper thread types and sizes
CRXC	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>9</u> <u>10</u> <u>11</u>	<u>6</u>	Optional code	Blank: Standard clamping range XS or S: Reduced clamping range
CRXF	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u>	<u>7</u>	Thread pitch (*)	Blank: 1.5 pitch 2: 2.0 pitch
CRXM	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>10</u> <u>11</u>	<u>8</u>	Upper thread type	N: NPT ANSI ASME B1.20.1 M: Metric ISO 261 P: PG DIN 40430 (for Ex-e only) S: NPSM ANSI ASME B1.20.1 C: GAS ISO 228/1
		<u>9</u>	Ferule type (**)	S: Small Blank: Standard L: Large XL: X-large
		<u>10</u>	Body material	B: Brass X: Stainless steel BN: Nickel plated brass Z: Galvanized steel
		<u>11</u>	Sealing material	S: Silicon

(*) - For Metric threads only

(**) - For VOLEC, CRXC only

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[14] **EU-TYPE EXAMINATION CERTIFICATE n. CESI 21 ATEX 031 X**

Sizes and clamping ranges of cable glands **VOLE..** and **CRX..** series are listed on the following **Table 2.**

Cable gland thread size CODE (*)		Thread size		Cable Dia. Ranges (mm)		
Metric code	NPT code	ISO	NPT	VOLE.. type		CRX.. type
				Inner Sheath max	Armour sheath	Cable sheath
0S	0S	M 12	1/4"	8.0	5.5-12.0	3.0-8.0
01S	01S	M 16	3/8"	8.0	5.5-12.0	3.0-8.0
01	01	M 16	1/2"	12.0	9.0-16.0	5.5-12.0
1XS	1XS	M 20	1/2"	8.0	5.5-12.0	9.0-16.0
1S	1S	M 20	1/2"	12.0	9.0-16.0	5.5-12.0
1	1	M 20	1/2"	14.0	12.0-20.0	9.0-16.0
2XS	2XS	M 25	3/4"	12.0	9.0-16.0	5.5-12.0
2S	2S	M 25	3/4"	14.0	12.0-20.0	9.0-16.0
2	2	M 25	3/4"	20.0	16.0-26.0	12.0-20.0
3XS	3XS	M 32	1"	14.0	12.0-20.0	9.0-16.0
3S	3S	M 32	1"	20.0	16.0-26.0	12.0-20.0
3	3	M 32	1"	26.5	20.0-33.0	16.0-26.0
4XS	4XS	M 40	1 1/4"	20.0	16.0-26.0	12.0-20.0
4S	4S	M 40	1 1/4"	26.5	20.0-33.0	16.0-26.0
4	4	M 40	1 1/4"	32.5	29.0-41.0	20.0-33.0
5XS	5XS	M 50	1 1/2"	26.5	20.0-33.0	16.0-26.0
5S	5S	M 50	1 1/2"	32.5	29.0-41.0	20.0-33.0
5	5	M 50	1 1/2"	44.0	36.0-52.0	29.0-41.0
6XS	6XS	M 63	2"	32.5	29.0-41.0	20.0-33.0
6S	6S	M 63	2"	44.0	36.0-52.0	29.0-41.0
6	-	M 63	-	56.0	50.0-65.0	36.0-52.0
-	6	-	2"	54.3	50.0-65.0	36.0-52.0
7XS	7XS	M 75	2 1/2"	44.0	36.0-52.0	29.0-41.0
7S	7S	M 75	2 1/2"	56.0	50.0-65.0	36.0-52.0
7	-	M 75	-	68.0	61.0-78.0	50.0-65.0
-	7	-	2 1/2"	65.3	61.0-78.0	50.0-65.0
80XS	80XS	M 80	3"	56.0	50.0-65.0	36.0-52.0
80S	80S	M 80	3"	68.0	61.0-78.0	50.0-65.0
80	80	M 80	3"	75.0	75.0-89.0	61.0-78.0
8X	-	M 90	-	56.0	50.0-65.0	36.0-52.0
-	9XS	-	3 1/2"	68.0	61.0-78.0	50.0-65.0
8S	-	M 90	-	68.0	61.0-78.0	50.0-65.0
-	9S	-	3 1/2"	78.0	75.0-89.0	61.0-78.0
8	-	M 90	-	75.0	75.0-89.0	61.0-78.0
-	9	-	3 1/2"	92.0	88.0-104.0	75.0-89.0
9XS	10XS	M 100	4"	68.0	61.0-78.0	50.0-65.0
-	10S	-	4"	78.0	75.0-89.0	75.0-89.0
9S	-	M 100	-	75.0	75.0-89.0	61.0-78.0
9	10	M 100	4"	92.0	88.0-104.0	75.0-89.0
10XS	-	M 110	-	68.0	61.0-78.0	61.0-78.0
-	11XS	-	5"	78.0	75.0-89.0	75.0-89.0
10S	-	M 110	-	75.0	75.0-89.0	75.0-89.0
-	11S	-	5"	92.0	88.0-104.0	88.0-104.0
10	-	M 110	-	92.0	88.0-104.0	88.0-104.0
11XS	-	M 115	-	68.0	61.0-78.0	61.0-78.0
11S	-	M 115	-	75.0	75.0-89.0	75.0-89.0
11	-	M 115	-	92.0	88.0-104.0	88.0-104.0

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(*) *The code and the related thread size are referred to the enclosure mounting threads and for VOLEM, VOLEF, CRXM e CRXF types to the hub threads too.*

[16] **Report n. EX-C2005806.**

Routine tests

None.

[17] **Special conditions for safe use (X)**

- The coupling of the cable glands with the enclosures shall be made as indicated by the manufacturer in the documents annexed to this certificate in order to respect the type of protection of the electrical apparatus on which cable glands are mounted.
- The cable glands shall be mounted at the electrical apparatus in such a way that accidental rotation and loosening will be prevented.
- The cable glands **VOL..** and **VOLS..** series have to be protected from hydraulic fluids, oils and greases when applied for Group I (mines) applications.
- The cable glands **VOL..** and **VOLS..** series with sizes lower than M20 and 1/2"NPT are not admitted for Group I (mines) applications.
- When the cable glands **VOL..** and **VOLS..** series are designed for use in Group I (mines) applications:
 - the cables should be installed in compliance with the requirements of the local code of practice;
 - conduits should provide additional mechanical protection only.
- The cable glands **VOLE..** and **CRX..** series are not admitted for Ex d and/or Group I (mines) applications.
- The cable glands **VOLE..** series when used with braided or shielded cables and **CRX..** series, are only suitable for fixed installations. The cables must be effectively clamped to prevent pulling and twisting.
- The cable glands shall be installed in such a way that the temperature at the mounting point will remain within the service temperature ranges accordingly to the marking.
- The degree of protection IP 66 and IP 68 according to the EN 60529 standard will be guaranteed for the cable glands if the holes into which cable glands are mounted are suitably sealed. To this scope the correct positioning of the gaskets (for cylindrical threads) or the application of sealant on the threads (for tapered threads), shall be done as indicated in the manufacturer instruction.

[18] **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements has been assured by compliance to the following standards:

EN IEC 60079-0: 2018 Explosive atmospheres – Part 0: Equipment - General requirements;
EN 60079-1: 2014 Explosive atmospheres – Part 1: Equipment protection by flameproof enclosure “d”;
EN IEC 60079-7: 2015/A1:2018 Explosive atmospheres – Part 7: Equipment protection by increased safety “e”;
EN 60079-31: 2014 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”.

[19] **Descriptive documents** (prot. EX-C2005809).

- Technical note A4-TN-VOL1 (10 pg.)	rev.0	dated	2021.10.11
- Technical note A4-TN-VOL2 (7 pg.)	rev.0	dated	2021.10.11
- Safety, Maintenance and Mounting Instructions A4-MI-VOL1 (27 pg.)	rev.0	dated	2021.10.11
- Safety, Maintenance and Mounting Instructions A4-MI-VOL2 (27 pg.)	rev.0	dated	2021.10.11

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Descriptive documents, follows:

- Drawing A3-VOL (M)	rev.0	dated	2021.10.11
- Drawing A3-VOL (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLC (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLC (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLE (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLE (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLEC (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLEC (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLEF (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLEF (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLEM (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLEM (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLF (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLF (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLM (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLM (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLS (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLS (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLSC (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLSC (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLSF (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLSF (N)	rev.0	dated	2021.10.11
- Drawing A3-VOLSM (M)	rev.0	dated	2021.10.11
- Drawing A3-VOLSM (N)	rev.0	dated	2021.10.11
- Drawing A3-CRX (M)	rev.0	dated	2021.10.11
- Drawing A3-CRX (N)	rev.0	dated	2021.10.11
- Drawing A3-CRXC (M)	rev.0	dated	2021.10.11
- Drawing A3-CRXC (N)	rev.0	dated	2021.10.11
- Drawing A3-CRXM (M)	rev.0	dated	2021.10.11
- Drawing A3-CRXM (N)	rev.0	dated	2021.10.11
- Drawing A3-CRXF (M)	rev.0	dated	2021.10.11
- Drawing A3-CRXF (N)	rev.0	dated	2021.10.11
- Drawing A3-IEC-240	rev.0	dated	2021.10.11
- Drawing A3-IEC-241	rev.0	dated	2021.10.11
- Drawing A3-IEC-242	rev.0	dated	2021.10.11
- Drawing A3-IEC-243	rev.0	dated	2021.10.11
- Drawing A3-IEC-244	rev.0	dated	2021.10.11
- Drawing A3-IEC-245	rev.0	dated	2021.10.11
- Drawing A3-IEC-246	rev.0	dated	2021.10.11
- Drawing A3-IEC-247	rev.0	dated	2021.10.11
- Drawing A3-IEC-248	rev.0	dated	2021.10.11
- Drawing A3-IEC-249	rev.0	dated	2021.10.11
- Drawing A3-IEC-250	rev.0	dated	2021.10.11
- Drawing A3-IEC-251	rev.0	dated	2021.10.11
- Drawing A3-IEC-252	rev.0	dated	2021.10.11
- Drawing A3-IEC-253	rev.0	dated	2021.10.11
- Drawing A3-IEC-254	rev.0	dated	2021.10.11
- Drawing A3-IEC-255	rev.0	dated	2021.10.11
- Drawing A3-IEC-256	rev.0	dated	2021.10.11
- Drawing A3-IEC-257	rev.0	dated	2021.10.11

[13]

Schedule

[14] **EU-TYPE EXAMINATION CERTIFICATE n. CESI 21 ATEX 031 X**

Descriptive documents, follows:

- Drawing A3-IEC-258	rev.0	dated	2021.10.11
- Drawing A3-IEC-259	rev.0	dated	2021.10.11
- Drawing A3-IEC-260	rev.0	dated	2021.10.11
- Drawing A3-IEC-261	rev.0	dated	2021.10.11
- Drawing A3-IEC-262	rev.0	dated	2021.10.11
- Drawing A3-IEC-263	rev.0	dated	2021.10.11
- Drawing A3-IEC-264	rev.0	dated	2021.10.11
- Drawing A4-MR-VOL	rev.0	dated	2021.10.11
- Drawing A4-MR-VOLE	rev.0	dated	2021.10.11
- Drawing A4-MR-VOLS	rev.0	dated	2021.10.11
- Drawing A4-MR-CRX	rev.0	dated	2021.10.11

One copy of all documents is kept in CESI files.

Certificate history

Issue N°	Issue Date	Summary description of variation
00	2022.04.11	First Issue of the Certificate

This certificate may only be reproduced in its entirety and without any change, schedule included.