

ATEX safety is standard

Type	Category	Type of protection	Product's features		CE type examination certificate	Areas of use					
			Classe de temperature			G-GAS			D-DUST		
			Gas	Dust		0	1	2	20	21	22
MVSI-E M3-E** MTF-E VB-E MVB-E MVB-E-FLC	II 2 G II 2 D	Ex e IIC Gb Ex tb IIIC Db	T3 (200° C) T4 (135° C)	from 120° to 200° C*	LCIE 06 ATEX 6092 X						
MVSI M3	II 2 D	tD A21 IP66	-	from 120° to 200° C*	LCIE 05 ATEX 6163 X						
MVSI-TS	II 2 D	tD A21 IP66	-	from 120° to 170° C*	LCIE 05 ATEX 6163 X						
MTF	II 2 D	tD A21 IP66	-	from 120° C to 150° C*	LCIE 05 ATEX 6163 X						
VB MVB*** MVB-FLC***	II 2 D	tD A21 IP66	-	from 135° C to 150° C*	LCIE 05 ATEX 6163 X						
MVSS-P	II 2 D	IP66	-	120° C	LCIE 03 ATEX 6005 X						
CDX	II 2 G II 2 D	Ex d IIB Gb Ex tb IIIC Db	120° C	120° C	DEMKO 07 ATEX 0612032X						
CDX gr.110	II 2 G	Ex d IIB	T4 (135° C)	-	SIRA 00 ATEX 1026						
CDX-G	II 2 G	Ex d IIB Gb	160° C	-	DEMKO 07 ATEX 0612032X						
MVTX	II 2 G II 2 D	Ex d IIB Gb Ex tb IIIC Db	T105° C	105° C	DEMKO 07 ATEX 1103487X						
MVTX-G	II 2 G	Ex d IIB	T150° C	-	DEMKO 07 ATEX 1103487X						

** Only T4

*** Only model gr. 50

* According to model (See the specific tables in the catalog).

Compatible
 Incompatible

How to choose the right Italtvibras electric vibrator

To establish which type of electric vibrator is best for the specific use required, the environment in which the electric vibrator is to work must be classified by defining the area, the maximum temperature and, if necessary, the required type of protection. The EN specifications (e.g. EN 60079-10) can be used to conduct these analyses. Once the area has been classified, the tables alongside will allow you to identify the most suitable Italtvibras electric vibrator. The technical staff at Italtvibras is always at the customers' complete disposal for any further explanations that may be required.

The choice of the electric vibrator on the basis of area

Zone	Products suitable for the area
1, 2, 21, 22 - Ex e	MVSI-E, M3-E, MTF-E, VB-E, MVB-E, MVB-E-FLC
21, 22	MVSI, M3, MVSI-TS, MTF, VB, MVB, MVB-FLC, MVSS-P
1, 2, 21, 22 - Ex d	CDX, MVTX
1, 2 - Ex d	CDX-G, CDX gr.110, MVTX-G

ATEX CESI

Production quality assurance notification.
Directive 94/9/CE n° CESI 00 ATEX 061 Q.

Global certifications

	Certificate features	Products
	Class I, Groups CD. Class II, Groups EFG. Operat. Temp. T4 (135°C). Amb. Temp. -20°C÷+40°C	CDX FS 35-40-50-60-70-80, MVTX
	Class I, Groups CD. Operat. Temp. T2C (230°C). Amb. Temp. -20°C÷+60°C	CDX-G FS35-40-50-60-70-80
	Class I, Groups CD. Operat. Temp. T3 (200°C). Amb. Temp. -20°C÷+60°C	MVTX-G
	Class I, Groups CD. Class II, Groups EFG. Operat. Temp. T4 (135°C). Amb. Temp. -20°C÷+40°C	CDX-G FS 110
	Class I, Groups CD. Class II, Groups EFG. Operat. Temp. T4 (135°C). Amb. Temp. -20°C÷+40°C	CDX FS 10-20-30
	Class II, Div. 1, Groups EFG. Operat. Temp.: T3 (200°C) for groups EF, T3B (165°C) for group G.	MVSI-F
	File n. LR100948 Part B. Class 4211 01 - Motors and Generators	MVSI, MTF, MVB, MVB-FLC, VB, MICRO, M3
	Class I, Div. 2, Groups ABCD. Operat. Temp.: T3C (160°C), T3A (180°C) or T3 (200°C).	MVSI-C, MTF-C, MVB-C, MVB-C-FLC, VB-C
	ATEX II 2 D - tD A21 IP66	MVSI, MVSI-TS, MTF, MVB, MVB-FLC, VB
	ATEX II 2 GD - Ex e IIC T3/T4 Gb - Ex tb IIIC T...°C Db	MVSI-E, M3-E, MTF-E, MVB-E, MVB-E-FLC, VB-E
	ATEX II 3 D - Ex tc IIIC T100°C Dc IP65	MICRO
	ATEX II 2 GD - Ex d IIB 120°C Gb - Ex tb IIIC T120°C Db	CDX FS 35-40-50-60-70-80
	ATEX II 2 G - Ex d IIB 160°C Gb	CDX-G FS35-40-50-60-70-80
	ATEX II 2 G - Ex d IIB T4	CDX-G FS 110
	ATEX II 2 GD - Ex d IIB 105°C Gb - Ex tb IIIC T105°C Db	MVTX
	ATEX II 2 G - Ex d IIB 150°C Gb	MVTX-G
	Ex tD A21 IP66	MVSI, MVSI-TS, MTF, MVB, MVB-FLC, VB
	Ex e II T3/T4 - Ex e IIC T3/T4 Gb - Ex tb IIIC T...°C Db IP66	MVSI-E, M3-E, MTF-E, MVB-E, MVB-E-FLC, VB-E
	Ex d IIB T120°C Gb - Ex tb IIIC T120°C Db	CDX FS 35-40-50-60-70-80
	Ex d IIB T160°C Gb	CDX-G FS35-40-50-60-70-80
	Ex d IIB T4	CDX-G FS 110
	Ex d IIB T105°C Gb - Ex tb IIIC T105°C Db	MVTX
	Ex d IIB T150°C Gb	MVTX-G
	DIP A21 IP66	MVSI, MVSI-TS, MTF, MVB, MVB-FLC, VB
	Ex e II T3/T4 - DIP A21 IP66	MVSI-E, M3-E, MTF-E, MVB-E, MVB-E-FLC, VB-E
	Ex d IIB T120°C - DIP A21 IP66 T120°C	CDX FS 35-40-50-60-70-80
	Ex d IIB T160°C	CDX-G FS35-40-50-60-70-80
	Ex d IIB T105°C - DIP A21 IP66 T105°C	MVTX
	Ex d IIB T150°C	MVTX-G
	CIMFR and DGMS for India. Ex d IIB 120°C.	CDX FS 60
	KOSHA Korea - Certificate n° 11-AV4BO-0359 Ex td A21 IP66	MVSI, MTF, MVB, MVB-FLC, M3, VB
	KOSHA Korea - Certificate n° 11-AV4BO-0346/7/8/9/50/51 Ex e II T3/T4 - Ex td A21 IP66	MVSI-E, MTF-E, MVB-E, MVB-E-FLC, M3-E, VB-E
	KOSHA Korea - Certificate n° 11-AV4BO-0353/4/5/6/7/8/60 Ex d IIB 120°C - Ex td A21 IP66 T120°C	CDX FS 35-40-50-60-70-80