



**Installation:** hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

**Classification:** Group II - Category 2G 2D



**REFERENCE STANDARDS**

**Directive 2014/34/EU**

EXECUTION	<ul style="list-style-type: none"> <li>⊗ II 2 G Ex d IIC T6/T5 Gb</li> <li>⊗ II 2 D Ex tb IIIC T85°C/T100°C Db</li> </ul>
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 06 ATEX 0016X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	IECEx: IECEx INE 11.0023X INMETRO: CEPEL 13.2254X EAC: TC RU C-IT.BH02.B.00683/21 RUSSIAN MARINE CERTIFICATE (RMRS): 19.02551.280 KC: 14-KB4BO-0445 and 14-KB4BO-0447 KC CCOE-PESO: P405708/2 CCC: 2020122304113843

**Mechanical characteristics**

Body	marine grade copper free aluminium light alloy
Cover	marine grade copper free aluminium light alloy
Screws	stainless steel
Gaskets	NBR rubber sealing ring



**On Request Accessories:**

- External epoxy painting with colour on request
- Different threads from standards

Technical Features

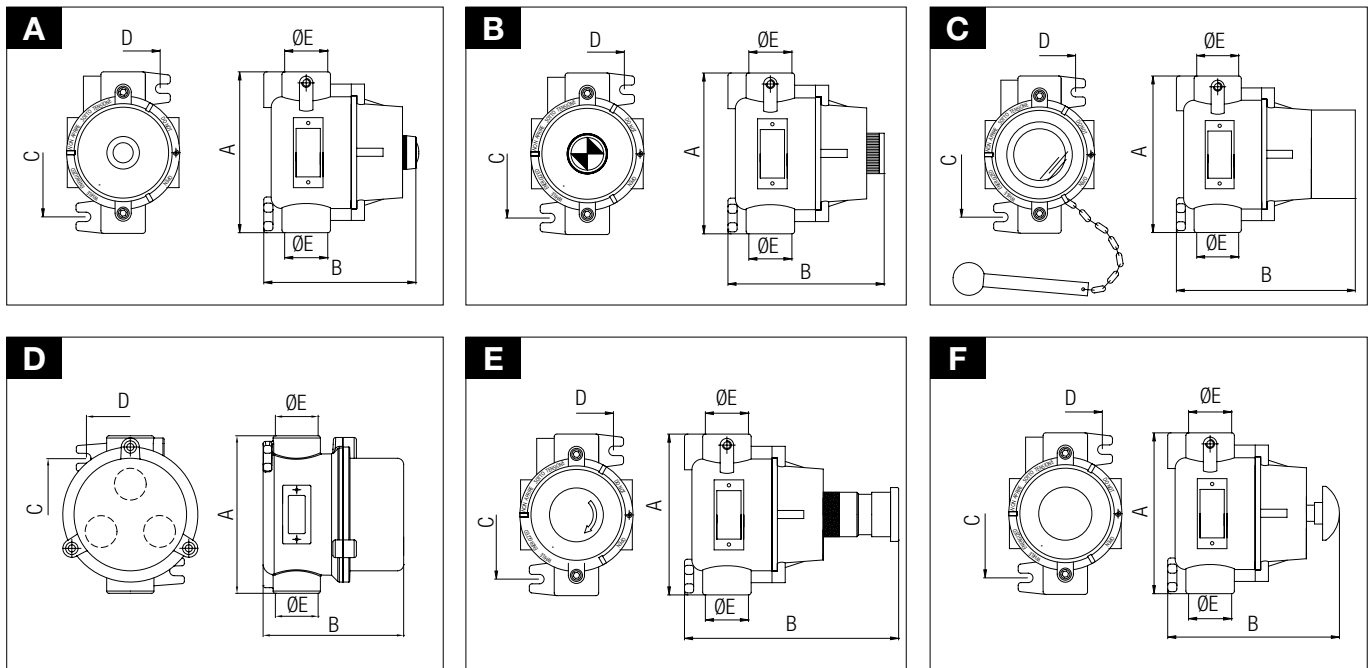
CODE	A [mm]	B [mm]	C [mm]	D [mm]	ØE [mm]	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	WEIGHT [Kg]	DETAIL
EFDC1/2	120	115	95	55	GK 3/4"	T6 T5	T85°C T100°C	0,90	A
EFDC3	120	120	95	5	GK 3/4"	T6 T5	T85°C T100°C	0,90	B
EFDC1E	120	135	95	55	GK 3/4"	T6 T5	T85°C T100°C	1,00	C
EFDC...R	140	125	100	80	GK 1"	T6 T5	T85°C T100°C	1,50	D
EFDC1EFSR	120	160	95	55	GK 3/4"	T6 T5	T85°C T100°C	0,90	E
EFDC1EF	120	130	95	55	GK 3/4"	T6 T5	T85°C T100°C	0,90	F

OPERATORS TYPE	OPERATORS LAYOUT (QUANTITY)					
PUSH BUTTON NO (1)	1	1	2	1	1	3
PUSH BUTTON NC (2)	1	1	1	-	-	-
PILOT LIGHT (3)	1	-	-	2	1	-
CODE EXAMPLES:	EFDC123R	EFDC12R	EFDC112R	EFDC133R	EFDC13R	EFDC111R

Standard operators layout

CODE	DETAIL	CODE	DETAIL	CODE	DETAIL
EFDC1	A	EFDC3V	B	EFDC13R	D
EFDC2	A	EFDC111R	B	EFDC23R	D
EFDC1E (*)	C	EFDC121R	D	EFDC133R	D
EFDC1EF (**)	F	EFDC122R	D	EFDC233R	D
EFDC1EFSR	E	EFDC123R	D	EFDC33R	D
EFDC3R	B	EFDC222R	D	EFDC333R	D

\* WITH BREAKING GLASS (EMERGENCY STOP)  
 \*\* WITH RED MUSHROOM EMERGENCY PUSH BUTTON



REMARK:  
 Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.