



EFDC Push buttons and control stations

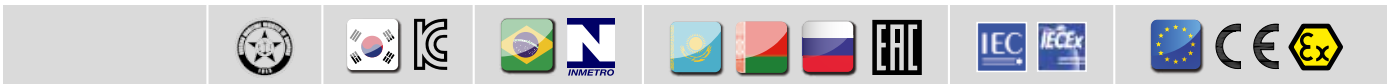
Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

Classification: Group II - Category 2G 2D



EFDC

www.feam-ex.com



REFERENCE STANDARDS

Directive 94/9/EC (until April 19th, 2016) and Directive 2014/34/EU (from April 20th, 2016)

EXECUTION	⊗ II 2 G Ex d IIC T6/T5 Gb ⊗ II 2 D Ex tb IIIC T85°C/T100°C Db
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 04 ATEX 0076X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	IECEX: IECEX INE 11.0033X INMETRO: CEPPEL 13.2255X EAC: TC RU C-IT.Г508.B.01323 RUSSIAN MARINE CERTIFICATE (RMRS): 13.03520.315 Kc (Korean Certification): 14-KB4B0-0471

Mechanical characteristics

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

On request accessories:

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

EFDC

Technical Features



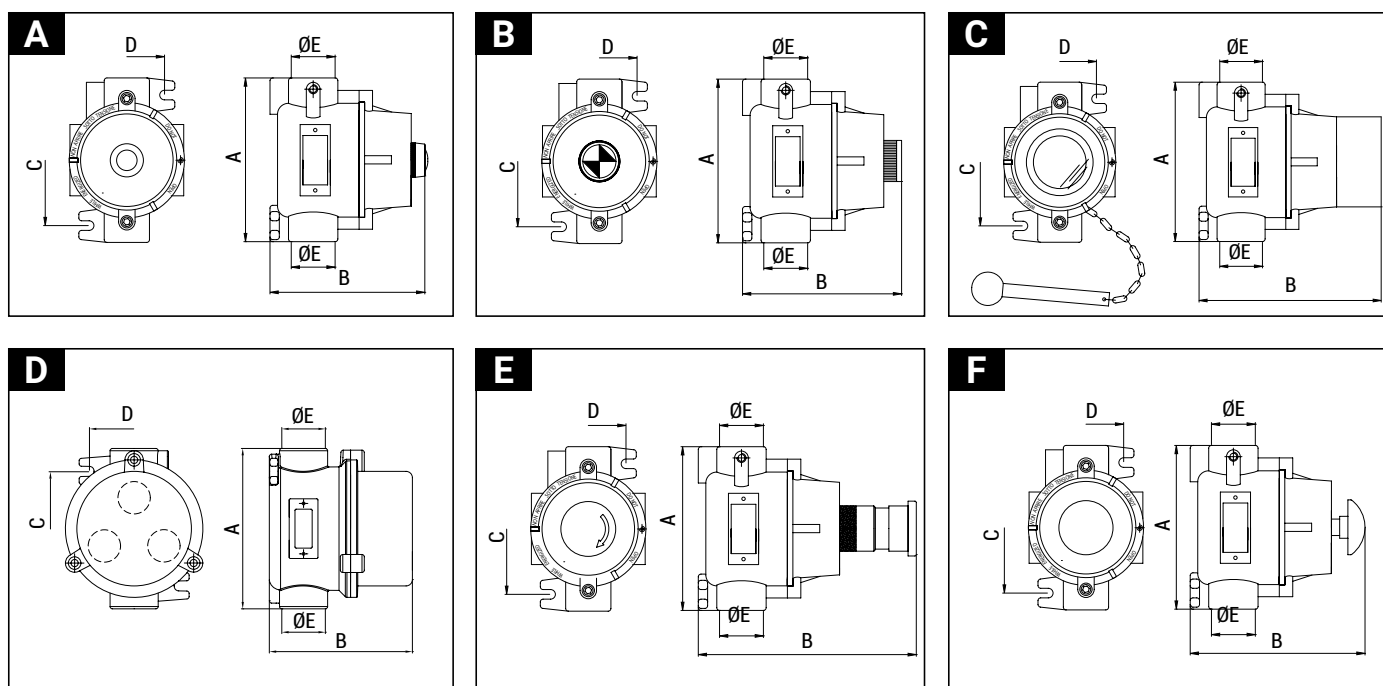
CODE	A [mm]	B [mm]	C [mm]	D [mm]	ØE [mm]	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	WEIGHT [kg]	DETAIL
EFDC1/2	120	115	95	55	GK 3/4"	T6 T5	T85°C T100°C	0,90	A
EFDC3	120	120	95	5	GK 3/4"	T6 T5	T85°C T100°C	0,90	B
EFDC1E	120	135	95	55	GK 3/4"	T6 T5	T85°C T100°C	1,00	C
EFDC...R	140	125	100	80	GK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

EFDC 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.