



**Installation:** hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)  
**Classification:** Group II - Category 2G 2D

## HANDLES



HANDLES



GOST-R  
RTR Ex Proof



	OPERATORS (PILOT LIGHTS - PUSH BUTTONS - HANDLES)		
	ATEX 94/9/EC	GOST-R (RTR / RTN)	GOST-K
EXECUTION	⊗ II 2 G Ex d IIB+H2 ⊗ II 2 D Ex tD A21	1 Ex d IIB+H2 / IIC T6...T3	1 Ex d IIB+H2 / IIC T6...T3
AMBIENT TEMPERATURE	-60°C ÷ +130°C	-60°C ÷ +130°C	-60°C ÷ +130°C
PROTECTION DEGREE	IP66	IP66	IP66
CERTIFICATE REF.	-	-	-
RULES OF COMPLIANCE	EN 60079-0; EN 60079-1; EN 60079-11; EN 61241-0; EN 61241-1	ГОСТ Р 51330.9-99 (МЭК 60079-10-95) ГОСТ Р 51330.13-99 (МЭК 60079-14-96) ГОСТ Р МЭК 61241-3-99	ГОСТ Р 51330.0 / 1 / 8 / 14-99 ГОСТ Р МЭК 61241-1-2002

### Mechanical characteristics

PILOT LIGHTS	
Body	marine grade copper free aluminium light alloy
Diffuser	tempered glass / polycarbonate

HANDLES	
Body	marine grade copper free aluminium light alloy
Transmission parts	stainless steel AISI 316L

ILLUMINATED PUSH BUTTONS	
Body	stainless steel
Protection ring	nickel plated brass
Diffuser	tempered glass
Transmission	stainless steel AISI 316L

PUSH BUTTONS	
Body	stainless steel
Protection ring	nickel plated brass
Button	aluminium light alloy / polycarbonate
Transmission	stainless steel AISI 316L

## HANDLES Technical data

CODE	CONTACTS DIAGRAM	PUSH BUTTON COLOUR	THREAD SIZE BODY	CODE	CONTACTS DIAGRAM	PUSH BUTTON COLOUR	THREAD SIZE BODY
<b>SPRING RETURN PUSH BUTTON - CONTACTS 10AMP</b>				<b>SPRING RETURN MUSHROOM PUSH BUTTON - CONTACTS 10AMP</b>			
EFP1#AZ1	1 NO	LIGHT BLUE	1/2"	EFP1F#1	1 NO	RED	1/2"
EFP1#AZ2	1 NC	LIGHT BLUE	1/2"	EFP1F#2	1 NC	RED	1/2"
EFP1#AZ3	1 NO + 1 NC	LIGHT BLUE	1/2"	EFP1F#3	1 NO + 1 NC	RED	1/2"
EFP1#AZ4	2 NO	LIGHT BLUE	1/2"	EFP1F#4	2 NO	RED	1/2"
EFP1#AZ5	2 NC	LIGHT BLUE	1/2"	EFP1F#5	2 NC	RED	1/2"
EFP1#B1	1 NO	WHITE	1/2"	<b>RELEASE BY KEY STAY-PUT MUSHROOM PUSH BUTTON - CONTACTS 10AMP</b>			
EFP1#B2	1 NC	WHITE	1/2"	EFP1FSC#NE1	1 NO	BLACK	1/2"
EFP1#B3	1 NO + 1 NC	WHITE	1/2"	EFP1FSC#NE2	1 NC	BLACK	1/2"
EFP1#B4	2 NO	WHITE	1/2"	EFP1FSC#NE3	1 NO + 1 NC	BLACK	1/2"
EFP1#B5	2 NC	WHITE	1/2"	EFP1FSC#NE4	2 NO	BLACK	1/2"
EFP1#BL1	1 NO	BLUE	1/2"	EFP1FSC#NE5	2 NC	BLACK	1/2"
EFP1#BL2	1 NC	BLUE	1/2"	EFP1FSC#RO1	1 NO	RED	1/2"
EFP1#BL3	1 NO + 1 NC	BLUE	1/2"	EFP1FSC#RO2	1 NC	RED	1/2"
EFP1#BL4	2 NO	BLUE	1/2"	EFP1FSC#RO3	1 NO + 1 NC	RED	1/2"
EFP1#BL5	2 NC	BLUE	1/2"	EFP1FSC#RO4	2 NO	RED	1/2"
EFP1#G1	1 NO	YELLOW	1/2"	EFP1FSC#RO5	2 NC	RED	1/2"
EFP1#G2	1 NC	YELLOW	1/2"	<b>TURN TO RELEASE STAY-PUT MUSHROOM PUSH BUTTON - CONTACTS 10AMP</b>			
EFP1#G3	1 NO + 1 NC	YELLOW	1/2"	EFP1FSR#G1	1 NO	YELLOW	1/2"
EFP1#G4	2 NO	YELLOW	1/2"	EFP1FSR#G2	1 NC	YELLOW	1/2"
EFP1#G5	2 NC	YELLOW	1/2"	EFP1FSR#G3	1 NO + 1 NC	YELLOW	1/2"
EFP1#NE1	1 NO	BLACK	1/2"	EFP1FSR#G4	2 NO	YELLOW	1/2"
EFP1#NE2	1 NC	BLACK	1/2"	EFP1FSR#G5	2 NC	YELLOW	1/2"
EFP1#NE3	1 NO + 1 NC	BLACK	1/2"	EFP1FSR#NE1	1 NO	BLACK	1/2"
EFP1#NE4	2 NO	BLACK	1/2"	EFP1FSR#NE2	1 NC	BLACK	1/2"
EFP1#NE5	2 NC	BLACK	1/2"	EFP1FSR#NE3	1 NO + 1 NC	BLACK	1/2"
EFP1#RO1	1 NO	RED	1/2"	EFP1FSR#NE4	2 NO	BLACK	1/2"
EFP1#RO2	1 NC	RED	1/2"	EFP1FSR#NE5	2 NC	BLACK	1/2"
EFP1#RO3	1 NO + 1 NC	RED	1/2"	EFP1FSR#RO1	1 NO	RED	1/2"
EFP1#RO4	2 NO	RED	1/2"	EFP1FSR#RO2	1 NC	RED	1/2"
EFP1#RO5	2 NC	RED	1/2"	EFP1FSR#RO3	1 NO + 1 NC	RED	1/2"
EFP1#VE1	1 NO	GREEN	1/2"	EFP1FSR#RO4	2 NO	RED	1/2"
EFP1#VE2	1 NC	GREEN	1/2"	EFP1FSR#RO5	2 NC	RED	1/2"
EFP1#VE3	1 NO + 1 NC	GREEN	1/2"				
EFP1#VE4	2 NO	GREEN	1/2"				
EFP1#VE5	2 NC	GREEN	1/2"				

CODE	CONTACTS DIAGRAM	SUPPLY	LAMPHOLDER	LAMP COLOUR	THREAD SIZE BODY
<b>PILOT LIGHT FOR BACK COVER INSTALLATION</b>					
EFL1#AZ	-	12V ÷ 380V ac/dc	Ba-9s	LIGHT BLUE	1/2"
EFL1#BI	-	12V ÷ 380V ac/dc	Ba-9s	WHITE	1/2"
EFL1#BL	-	12V ÷ 380V ac/dc	Ba-9s	BLUE	1/2"
EFL1#GI	-	12V ÷ 380V ac/dc	Ba-9s	YELLOW	1/2"
EFL1#RO	-	12V ÷ 380V ac/dc	Ba-9s	RED	1/2"
EFL1#VE	-	12V ÷ 380V ac/dc	Ba-9s	GREEN	1/2"
<b>SPRING RETURN PUSH BUTTON WITH LAMP FOR BACK COVER INSTALLATION</b>					
EFLP3#BL1	1NO	12V ÷ 380V ac/dc	Ba-9s	BLUE	M32
EFLP3#BL3	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	BLUE	M32
EFLP3#GI2	1NC	12V ÷ 380V ac/dc	Ba-9s	YELLOW	M32
EFLP3#GI3	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	YELLOW	M32
EFLP3#RO1	1NO	12V ÷ 380V ac/dc	Ba-9s	RED	M32
EFLP3#RO2	1NC	12V ÷ 380V ac/dc	Ba-9s	RED	M32
EFLP3#RO3	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	RED	M32
EFLP3#VE1	1NO	12V ÷ 380V ac/dc	Ba-9s	GREEN	M32
EFLP3#VE3	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	GREEN	M32
<b>63÷250AMP SIZE PADLOCKABLE HANDLE (ALL POSITIONS)</b>					
EFISL	-	-	-	BLACK	3/8"
<b>BACK COVER INSTALLATION PADLOCKABLE HANDLE (ELEBERG BRAND CONTACTS)</b>					
EFI-RL	-	-	-	BLACK	1/2"
EFI-RC (with key)	-	-	-	BLACK	1"

**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.