



EFD3 Pushbuttons series

Protection mode:

Type de protection: EX II2GD EEX d IIB
 Class of temperature: T6
 Protection degree: IP65
 Zones : 1-2-21-22
 Temp amb : -50/+60°C*

Description:

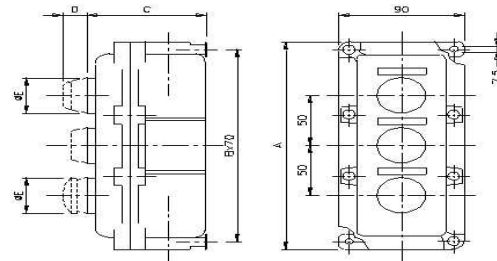
Series EFD pushbuttons, made of aluminium light alloy, with external bolts in stainless steel and RAL 7000 epoxy vinyl coating, are available in accord to all different requirements because of their big choice of control and signalling units;



Technicals data:

Materials	Body and cover aluminium alloy Screws in stainless steel
Inhibiting treatment	Standard epoxy painting Grey RAL7000
Electrical elements	
Rated Insulation voltage	Ui 660V (CEI 60947-5-1) 300V (CSA C22-2 n,14) Ii 10A
Dielectric strenght	3KV (1s)
Insulation resistance	2 Mohm min (500VCC)
Initial contact resistance	<=25m. Ohm
Short circuits protection	Fuses gl 10A 500V 10.3 x 38 II 100KA
Terminals marking	EN 60079-0(2006), EN 60079-1(2007), EN 61241-0(2006), EN 61241-1(2004)
Connections	Self cleaning type EN01 (NC) EN10 (NO)
Operation frequency	1800 operations/hours maxi
Utilization categories	AC15 Voltage(V)-24-130-230-400 Current(A) 10-6.5-4- 2.5 DC13 Voltage (V) -24-110 Current (I) -1.5-0.5

Technical drawing:



EFD3 -0-1-R

Exemple: Enclosure 3 elements
 Element 1 : Bouton OFF
 Element2 : Bouton ON
 Element 3 : Voyant R (Rouge)

Type	Elements	Cables Entries		Dimensions			Weight Gr
		ø	Nbres	A	B	C	
EFD3	3	3/4"	2	206	186	87	890

*With incandescent lamps		
Gas	Dust	Tamb
T6	T85°C	-50/ +40°C
T5	T100°C	-50/ +50°C
T4	T135°C	-50/ +60°C

*Commands units only		
Gas	Dust	Tamb
T6	T85°C	-50/ +60°C

Elements	Symbole	D	E	Contacts	Weight
Bouton ON	1	20	38	1NO	180
Bouton OFF	0	20	38	1NC	180
Interr 2p	I2	21	45	2NO	300
Interr 2p +	D2	21	45	2NO2NC	300
Comut 3p	C2	21	12	2NO2NC	300
Inter C/ Poing Verr	8	38	38	1NO1NC	220
Voyants E14	R-B-V-G-A	38	38		170
Inter. Clé 2p	7.2	46	38	2NO	400
Inter. Clé 2p+	7.2D	46	38	2NO2NC	400
Commut Clé 3p+	7.2C	46	38	2NO2NC	400
Potentiometre	10	22	45	60kOhms	