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



REFERENCE STANDARDS

Directive 2014/34/EU	
EXECUTION	⟨Ex⟩ II 2 G Ex d IIB+H2 Gb or IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 13 ATEX 9017U
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +200°C -60°C ÷ +95°C (pilot lights)
OTHER AVAILABLE CERTIFICATES	IECEx: IECEx INE 13_0073U
	INMETRO: CEPEL 13.2257U
	EAC: TC RU C-IT.BH02.B.00608 (-60°C ÷ +60°C)
	NEC 505: UL E466537-20140201

Mechanical characteristics

PILOT LIGHTS	
Body	polycarbonate
Diffuser	polycarbonate

ILLUMINATED PUSH BUTTONS	
Body	stainless steel
Protection ring	nickel plated brass
Diffuser	polycarbonate
Trasmission	stainless steel

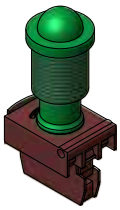
HANDLES (Aluminium version)	
Body	aluminium light alloy painted RAL9005
Trasmission parts	stainless steel

HANDLES (Stainless steel version)	
Body	stainless steel unpainted
Trasmission parts	stainless steel

PUSH BUTTONS	
Body	stainless steel
Protection ring	nickel plated brass
Button	aluminium light alloy / polycarbonate
Trasmission	stainless steel

Technical data

HANDLES-D	NORMAL PUSH BUTTON CODE	PADLOCKABLE PUSH BUTTON CODE	CONTACTS	PUSH BUTTON COLOUR	THREAD SIZE
NORMAL AND PADLOCKABLE TYPE SPRING RETURN PUSH BUTTON - CONTACTS 10AMP					
 **EFP#2M**TS**	EFP#2MWHTSXX10	EFP#2MWHLSXX10	1 NO	WHITE	ISO-M25
	EFP#2MWHTSXX01	EFP#2MWHLSXX01	1 NC	WHITE	ISO-M25
	EFP#2MWHTSXX11	EFP#2MWHLSXX11	1 NO + 1 NC	WHITE	ISO-M25
	EFP#2MWHTSXX20	EFP#2MWHLSXX20	2 NO	WHITE	ISO-M25
	EFP#2MWHTSXX02	EFP#2MWHLSXX02	2 NC	WHITE	ISO-M25
	EFP#2MBUTSXX10	EFP#2MBULSXX10	1 NO	BLUE	ISO-M25
	EFP#2MBUTSXX01	EFP#2MBULSXX01	1 NC	BLUE	ISO-M25
	EFP#2MBUTSXX11	EFP#2MBULSXX11	1 NO + 1 NC	BLUE	ISO-M25
	EFP#2MBUTSXX20	EFP#2MBULSXX20	2 NO	BLUE	ISO-M25
	EFP#2MBUTSXX02	EFP#2MBULSXX02	2 NC	BLUE	ISO-M25
	EFP#2MYETSXX10	EFP#2MYELSXX10	1 NO	YELLOW	ISO-M25
	EFP#2MYETSXX01	EFP#2MYELSXX01	1 NC	YELLOW	ISO-M25
	EFP#2MYETSXX11	EFP#2MYELSXX11	1 NO + 1 NC	YELLOW	ISO-M25
	EFP#2MYETSXX20	EFP#2MYELSXX20	2 NO	YELLOW	ISO-M25
	EFP#2MYETSXX02	EFP#2MYELSXX02	2 NC	YELLOW	ISO-M25
 **EFP#2M**LS**	EFP#2MBKTSXX10	EFP#2MBKLSXX10	1 NO	BLACK	ISO-M25
	EFP#2MBKTSXX01	EFP#2MBKLSXX01	1 NC	BLACK	ISO-M25
	EFP#2MBKTSXX11	EFP#2MBKLSXX11	1 NO + 1 NC	BLACK	ISO-M25
	EFP#2MBKTSXX20	EFP#2MBKLSXX20	2 NO	BLACK	ISO-M25
	EFP#2MBKTSXX02	EFP#2MBKLSXX02	2 NC	BLACK	ISO-M25
	EFP#2MRDTSXX10	EFP#2MRDLSXX10	1 NO	RED	ISO-M25
	EFP#2MRDTSXX01	EFP#2MRDLSXX01	1 NC	RED	ISO-M25
	EFP#2MRDTSXX11	EFP#2MRDLSXX11	1 NO + 1 NC	RED	ISO-M25
	EFP#2MRDTSXX20	EFP#2MRDLSXX20	2 NO	RED	ISO-M25
	EFP#2MRDTSXX02	EFP#2MRDLSXX02	2 NC	RED	ISO-M25
	EFP#2MGNTSXX10	EFP#2MGNLSXX10	1 NO	GREEN	ISO-M25
	EFP#2MGNTSXX01	EFP#2MGNLSXX01	1 NC	GREEN	ISO-M25
	EFP#2MGNTSXX11	EFP#2MGNLSXX11	1 NO + 1 NC	GREEN	ISO-M25
	EFP#2MGNTSXX20	EFP#2MGNLSXX20	2 NO	GREEN	ISO-M25
	EFP#2MGNTSXX02	EFP#2MGNLSXX02	2 NC	GREEN	ISO-M25

HANDLES-D	CODE	CONTACTS DIAGRAM	SUPPLY	LAMPHOLDER	LAMP COLOUR	SIZE
PILOT LIGHT FOR BACK COVER INSTALLATION						
	EFLPC#2MWH	-	12V ÷ 380V ac/dc	Ba-9s	WHITE	ISO-M25
	EFLPC#2MBU	-	12V ÷ 380V ac/dc	Ba-9s	BLUE	ISO-M25
	EFLPC#2MYE	-	12V ÷ 380V ac/dc	Ba-9s	YELLOW	ISO-M25
	EFLPC#2MRD	-	12V ÷ 380V ac/dc	Ba-9s	RED	ISO-M25
	EFLPC#2MGR	-	12V ÷ 380V ac/dc	Ba-9s	GREEN	ISO-M25
	EFLPC#2MOG	-	12V ÷ 380V ac/dc	Ba-9s	ORANGE	ISO-M25
SPRING RETURN ILLUMINATED PUSH BUTTON FOR BACK COVER INSTALLATION						
	EFPL#3MBUSXX10	1NO	12V ÷ 380V ac/dc	Ba-9s	BLUE	ISO-M32
	EFPL#3MBUSXX11	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	BLUE	ISO-M32
	EFPL#3MYESXX01	1NC	12V ÷ 380V ac/dc	Ba-9s	YELLOW	ISO-M32
	EFPL#3MYESXX11	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	YELLOW	ISO-M32
	EFPL#3MRDSXX10	1NO	12V ÷ 380V ac/dc	Ba-9s	RED	ISO-M32
	EFPL#3MRDSXX01	1NC	12V ÷ 380V ac/dc	Ba-9s	RED	ISO-M32
	EFPL#3MRDSXX11	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	RED	ISO-M32
	EFPL#3MGNSXX10	1NO	12V ÷ 380V ac/dc	Ba-9s	GREEN	ISO-M32
	EFPL#3MGNSXX11	1NO + 1NC	12V ÷ 380V ac/dc	Ba-9s	GREEN	ISO-M32

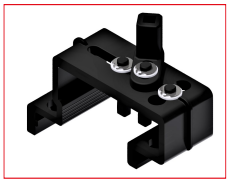
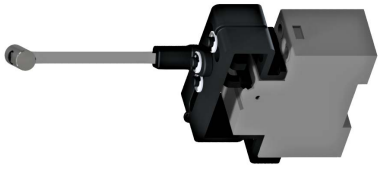
Technical data

HANDLES-D	CODE	CONTACTS	PUSH BUTTON COLOUR	THREAD SIZE
RELEASE BY KEY STAY-PUT MUSHROOM PUSH BUTTON - CONTACTS 10AMP				
	EFPFSC#2MBKSXX10	1 NO	BLACK	ISO-M25
	EFPFSC#2MBKSXX10	1 NC	BLACK	ISO-M25
	EFPFSC#2MBKSXX11	1 NO + 1 NC	BLACK	ISO-M25
	EFPFSC#2MBKSXX20	2 NO	BLACK	ISO-M25
	EFPFSC#2MBKSXX02	2 NC	BLACK	ISO-M25
	EFPFSC#2MRDSXX10	1 NO	RED	ISO-M25
	EFPFSC#2MRDSXX10	1 NC	RED	ISO-M25
	EFPFSC#2MRDSXX11	1 NO + 1 NC	RED	ISO-M25
	EFPFSC#2MRDSXX20	2 NO	RED	ISO-M25
	EFPFSC#2MRDSXX02	2 NC	RED	ISO-M25
TURN TO RELEASE STAY-PUT MUSHROOM PUSH BUTTON - CONTACTS 10AMP				
	EFPFSR#2MYESXX10	1 NO	YELLOW	ISO-M25
	EFPFSR#2MYESXX01	1 NC	YELLOW	ISO-M25
	EFPFSR#2MYESXX11	1 NO + 1 NC	YELLOW	ISO-M25
	EFPFSR#2MYESXX20	2 NO	YELLOW	ISO-M25
	EFPFSR#2MYESXX02	2 NC	YELLOW	ISO-M25
	EFPFSR#2MBKSXX10	1 NO	BLACK	ISO-M25
	EFPFSR#2MBKSXX01	1 NC	BLACK	ISO-M25
	EFPFSR#2MBKXX11	1 NO + 1 NC	BLACK	ISO-M25
	EFPFSR#2MBKXX20	2 NO	BLACK	ISO-M25
	EFPFSR#2MBKSXX02	2 NC	BLACK	ISO-M25
	EFPFSR#2MRDSXX10	1 NO	RED	ISO-M25
	EFPFSR#2MRDSXX01	1 NC	RED	ISO-M25
	EFPFSR#2MRDXX11	1 NO + 1 NC	RED	ISO-M25
	EFPFSR#2MRDXX20	2 NO	RED	ISO-M25
	EFPFSR#2MRDSXX02	2 NC	RED	ISO-M25
SPRING RETURN MUSHROOM PUSH BUTTON - CONTACTS 10AMP				
	EFPF#2MRDSXX10	1 NO	RED	ISO-M25
	EFPF#2MRDSXX01	1 NC	RED	ISO-M25
	EFPF#2MRDSXX11	1 NO + 1 NC	RED	ISO-M25
	EFPF#2MRDSXX20	2 NO	RED	ISO-M25
	EFPF#2MRDSXX02	2 NC	RED	ISO-M25

HANDLES-D	CODE	HANDLE COLOUR	SIZE
BACK COVER INSTALLATION HANDLE (for MCBs only)			
	EFI2M-MCBCMAL-EJB21-61 (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBCMXX-EJB21-61 (Stainless Steel)	unpainted	
	EFI2M-MCBCMAL-EJB71-91 (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBCMXX-EJB71-91 (Stainless Steel)	unpainted	
	EFI2M-MCBRSAL-EJB21-61 (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBRSXX-EJB21-61 (Stainless Steel)	unpainted	
	EFI2M-MCBRSAL-EJB71-91 (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBRSXX-EJB71-91 (Stainless Steel)	unpainted	

Technical data

HANDLES-D	CODE	HANDLE COLOUR	SIZE
BACK COVER INSTALLATION HANDLE (for selector switch only)			
	EFI2M-RLLAL (Aluminium)	BLACK	ISO-M25
	EFI2M-RLLXX (Stainless Steel)	unpainted	
 Complete with keys	EFI3M-RCXX (Stainless Steel only)	unpainted	ISO-M32
 For potentiometer	EFI2M-PTM01AL (Aluminium only)	BLACK	ISO-M25
PADLOCKABLE HANDLE IN ALL POSITIONS (for MCB only)			
 GUB1 only	EFI2M-MCBFAL-GUB1 (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBFXX-GUB1 (Stainless Steel)	unpainted	
PADLOCKABLE HANDLE IN ALL POSITIONS (for MCB and MCCB only)			
	EFI2M-MCBR06P025AL (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBR06P025XX (Stainless Steel)	unpainted	
	EFI2M-MCBR10P045AL (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBR10P045XX (Stainless Steel)	unpainted	
	EFI2M-MCBR10/1 (Aluminium)	BLACK	ISO-M25
	EFI2M-MCBR10/1X (Stainless Steel)	unpainted	
 Padlockable Ring included	EFI2M-MCCBR10P045AL (Aluminium)	BLACK	ISO-M25
	EFI2M-MCCBR10P045XX (Stainless Steel)	unpainted	
 Padlockable Ring included	EFI2M-MCCBDR10P055AL (Aluminium only)	BLACK	ISO-M25
PADLOCKABLE RING FOR HANDLE - 8 PADLOCK POSITIONS (on demand only)			
	PKR-8HN00ALR06 (Aluminium)	BLACK	ISO-M25
	PKR-8HN00XX (Stainless Steel)	unpainted	

ROTARY DEVICE FOR SCHNEIDER MCB		CODE
		2010.00260

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.