

The illuminated push buttons HarmAtex is very versatile. It combines:

- pilot lights in 6 to 24 V AC/DC or 24 V to 254 V AC/DC
- up to 4 contact blocks can be implemented by push button
- optional silicone boots can be provided

They cover the majority of industrial applications in potentially explosive atmospheres gas/vapours or dust in increased safety protection (Ex e) or pressure (Ex p) or protection by enclosure (Ex t) modes by having the highest level of protection.

TECHNICAL DATA

Material	Metal and plastic
IP rating	IP65 according to EN/IEC 60529
Temperature range	-20°C ... +75°C
Certificate	INERIS 04ATEX9003U, INERIS 02ATEX9007U
Marking	II 2 GD Ex eb mb IIC Gb Ex db eb mb IIC Gb Ex tb IIIC Db
Number of contact blocks per actuator	Maximum 4 contact blocks
Mounting	Panel cut-out Ø 22,5 mm
Type of terminals	Screw terminals
LED pilot light	Rated voltage 24 V ... 254 V AC/DC Maximal current 2 mA ... 10 mA Or Rated voltage 6 V ... 24 V AC/DC Maximal current 14 mA ... 21 mA
Features of the contact block	Ith = 10 A; Ui = 415 V AC Ue = 380 V; Ie = 1,9 A or Ue = 240 V; Ie = 3 A or Ue = 120 V; Ie = 6 A DC Ue = 250 V; Ie = 0,27 A or Ue = 125 V; Ie = 0,55 A or Ue = 24 V; Ie = 2,87 A
Mechanical endurance	Head: 5 million operations - Contact block: 1 million operations

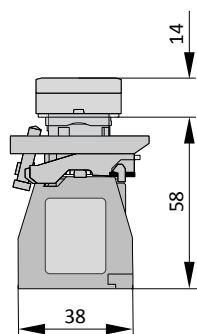
Illuminated push buttons 24 V ... 254 V AC/DC - Metallic bezel

Type of actuator	Colour	Contact	Lid mounting
Illuminated push button, spring return	○ White	NO	XLW4BP1831
	● Green	NO	XLW4BP3831
	● Red	NC	XLW4BP4832
	● Yellow	NO	XLW4BP5831
	● Blue	NO	XLW4BP6831



Illuminated push buttons 6 V ... 24 V AC/DC - Metallic bezel

Type of actuator	Colour	Contact	Lid mounting
Illuminated push button, spring return	○ White	NO	XLW4BP1831B
	● Green	NO	XLW4BP3831B
	● Red	NC	XLW4BP4832B
	● Yellow	NO	XLW4BP5831B
	● Blue	NO	XLW4BP6831B



Additional contact blocks

Features of the contact block

Temperature range	-50°C ... +75°C	Electrical features	I _{th} = 10 A; U _i = 415 V
Certificate	INERIS 02ATEX9007U		AC U _e = 380 V; I _e = 1,9 A or
	IECEX INE 13.0063U		U _e = 240 V; I _e = 3 A or
Marking	II 2 G		U _e = 120 V; I _e = 6 A
	Ex d e IIC Gb		DC U _e = 250 V; I _e = 0,27 A or
			U _e = 125 V; I _e = 0,55 A or
			U _e = 24 V; I _e = 2,87 A

Type	Product code	Description
	ZBWE101	NO
	ZBWE102	NC

LED Signalling elements

Type	Colour	Codes for 24 to 254 V AC/DC	Codes for 6 to 24 V AC/DC
	○ White	ZBWV1	ZBWV1B
	● Green	ZBWV1	ZBWV1B
	● Red	ZBWV1	ZBWV1B
	● Yellow	ZBWV1	ZBWV1B
	● Blue	ZBWV1	ZBWV1B