



Key-operated pushbutton

Technical data

Key-operated pushbutton Typ 418 812

	Complete certificate ¹⁾	Component certificate
Marking accd. to 2014/34/EU	II 2 G Ex de IIC T6	II 2 G Ex de IIC/IIB Gb I M2 Ex de I Mb
EC-Type Examination Certificate	PTB 99 ATEX 1034	IBExU 14 ATEX 1030 U
IECEX Certificate of Conformity		IECEX IBE 14.0005 U
Marking accd. to IECEx		Ex de IIC/IIB Gb Ex de I Mb
Operating temperature range	-55 °C up to + 80 °C	-45 °C up to +80 °C (IIC) -60 °C up to +80 °C (IIB)
Permissible ambient temperature	-55 °C up to + 50 °C	
Application temperature ²⁾		-45 °C up to +55 °C (IIC) -60 °C up to +55 °C (IIB)
Rated voltage	400 V AC	500 V AC
Rated current	16 A	16 A
Rated current with gold contact points	0.4 A	0.4 A
Rated making-/rated breaking capacity accd. EN 60947-5-1	AC-15: U _b 250 V / I _b 6 A U _b 400 V / I _b 4 A DC-13: U _b 24 V / I _b 6 A U _b 220 V / I _b 1 A	AC-15: U _b 250 V / I _b 6 A U _b 500 V / I _b 4 A DC-13: U _b 24 V / I _b 6 A U _b 220 V / I _b 1 A
Connecting terminals	2 x 2.5 mm ²	2 x 2.5 mm ²
Degree of protection accd. to EN 60529	IP661)	IP00
Dimensions (L x W x H)	approx. 182 x 38 x 67 mm	approx. 133 x 38 x 57 mm
Weight	0.30 kg	0.3 kg
Cable gland	M25x1.5 Ø 6 - 15 mm	--
Type of mounting	Ø 30.3 mm fixing hole	Ø 30.3 mm fixing hole
Enclosure colour	grey	grey
Gasket material	Neoprene (standard), Fluoric Silicone or Viton on request	

¹⁾ with protective cover IP66

²⁾ The limits of the operating temperature range and the max. permissible temperature rise of the components have to be taken into account. See also pages 2.4.34/35.

Ex-key-operated pushbutton for panel mounting



Key-operated pushbutton

4 Ordering code for components Code A - B - C1 - (C2)

Code A B C
Order No. GHG 418 812 _ R00 _

Code	Component	Contacts		Code	Code
Code	Circuit			silver contact points	gold contact points
A	Key-operated pushbutton				GHG 41 812
B	2 NC		3		6
	2 NO		4		7
	1 NO + 1 NC		5		8
Code	released	Key	engaged	Key	Code
C	lockable	removable	lockable	removable	10
	lockable	removable	lockable	not removable	11
	lockable	removable	not lockable	not removable	12
	lockable	not removable	lockable	removable	13
	not lockable	not removable	lockable	removable	14
	not lockable	removable	autom. lockable	removable	15

Example for order No.

Content	Label		Order No.		
	released	engaged	A	B	C
Key-operated switch with silver contact points, without protective cover					
1 NO + 1 NC	lockable, Key removable	lockable, Key removable	GHG 418 812	5 R00	10
2 NC	lockable, Key removable	lockable, Key not removable	GHG 418 812	3 R00	11
2 NO	lockable, Key removable	not lockable, Key not removable	GHG 418 812	4 R00	12
Key-operated switch with gold contact points, without protective cover					
1 NO + 1 NC	lockable, Key removable	lockable, Key removable	GHG 418 812	8 R00	10
2 NC	lockable, Key removable	lockable, Key not removable	GHG 418 812	6 R00	11
2 NO	lockable, Key removable	not lockable, Key not removable	GHG 418 812	7 R00	12

Accessories

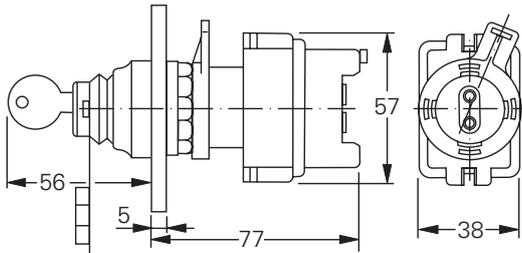
Type	OU	Order No.
Protective cover to meet IP66	5	GHG 410 1939 R0002

Please pay attention that only order units (OU) according to the ordering details can be delivered.

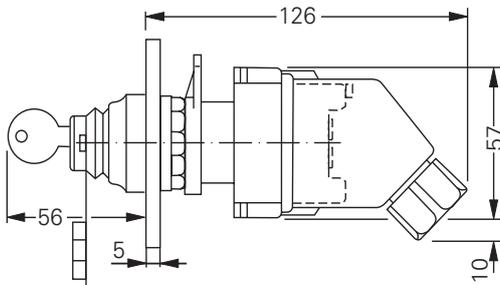


Key-operated pushbutton

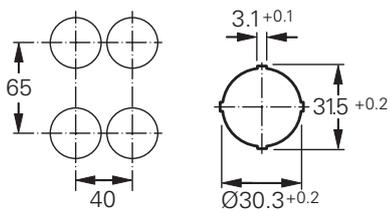
Dimension drawing



Key-operated switch without protective cover



Key-operated switch with protective cover



Minimum distances