

STAINLESS STEEL PUSH BUTTON SET STRONG - SMART

Zones 1, 2, 21, 22

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ATEX SWITCHES

ZONES 1, 2 (gas) & 21, 22 (dust)

With the stainless steel push-button actuators, the cylindrical microswitches AS1 can be installed in hazardous areas zone 1/21.

There are two actuators available according to local requirements:

Due to its flat design and rounded edges, the SMART actuator offers little surface for external damage or dirt deposits. Due to its higher design, the STRONG actuator makes it possible to use the switch in enclosures with a depth of 60 mm.

The delivery includes a self-adhesive, black label and a lock nut. Other labels are available in red, yellow, green, blue and white.

By means of a suitable protective sleeve, the switches can also be used without a protective housing in zone 1.



Ex Push Button STRONG (without sleeve)








Ex Push Button SMART (with sleeve)




EU-Type Examination Certificate

ITEM REFERENCES	
Model:	Item No.:
STRONG SET 10m cable	219475
STRONG SET 3m cable	219476
SMART SET 10m cable, sleeve and locknut	218179
SMART SET 3m cable, sleeve and locknut	219474

APPLICATIONS	
Actuator SMART with AS1-switch with protective sleeve	Actuator STRONG with switch AS1- in enclosure
	

TECHNICAL SPECIFICATIONS	
Marking Actuator AK1-:	 II 2G Ex eb IIC Gb  II 2D Ex tb IIIC Db
Marking Switch AS1-:	 II 2G Ex db IIC T6 Gb -40°C to +60°C
Certificate:	EU-Type Examination Certificate
Electrical data	
Operating voltage:	24 VDC / 230 VAC
Rated current:	DC 12 / AC 12 max. 5 A
Electrical connection:	3x0,5 mm ² , Ø 5.4 mm 1 = C / 2 = NC / 3 = NO
Mechanical data	
Housing:	Stainless steel 1.4305
Sealing:	EPDM
Ingress protection:	IP65
Mounting hole:	22,0 ... 22,3 mm / M 22x1,5
Torque:	8 Nm
Max wall thickness:	1,0 ... 7,0 mm
Weight:	600 g (10m cable)

ACCESSORIES	
Description:	Item No.:
Earthing set (earth lug + nut)	216742
Red label (self-adhesive)	106457
Green label (self-adhesive)	106458
Yellow label (self-adhesive)	106460
Blue label (self-adhesive)	106461
White label (self-adhesive)	106462

CONTACTS	
1 = brown "C"	
2 = black "NC"	
4 = grey "NO"	

