

PDS Door switch ATEX

The door switch ATEX is used for the PDS-system in hazardous areas to indicate electrically if the door is open or closed. Normally the PDS-system is installed with two door switches.

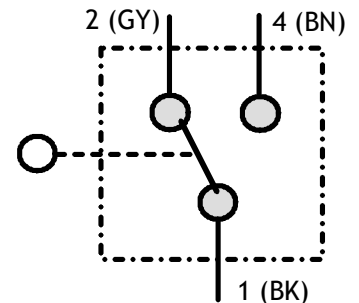


Technical specifications

Electrical rating:	250VAC, 7A
Circuit:	COM/NO/NC
Flexible lead:	H05VV-F, 0.75mm ² (3 m cable)
COM (Common):	Black
NO (Normally Open):	Brown
NC (Normally Closed):	Grey

Mechanical specifications

Dimensions LxHxW: cable)	25.5x60x11mm (incl. lever, excl. cable)
Weight:	415g
Mechanical life:	2x10 ⁶ operations
Ingress protection:	IP66
Side mounting/Fixing:	2 pcs. M3x16 screw
Temperature Class T6:	≤ 60°C@max. 7A, 75°C@max. 3A



Parts

Door Switch ATEX:	308151	(notes, the lever has been bent to fit with the PDS-cabinet)
2 pcs. M3x16 screw:	511452	(for mounting of the door switch)

Installation

The door switch is mounted on the rail with the enclosed 2 pcs. M3x16 screws and the wires are lead through the cabinet via cable glands for ATEX.

Certifications/Standards

STAHL: PTB 02 ATEX 1031 X
 BARTEC: IECEX PTB 07.0045X
 STAHL: EN50014:97, EN50018:94
 BARTEC: IEC 60079-0 : 2007-10, IEC 60079-1: 2007-04

STAHL: II 2 G EEx d IIC T6

BARTEC: Ex d IIC Gb T6, T5 resp. Ex db IIC T6, T5

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