PDS door switch std.

The door switch is a simple device and is used for the PDS-system to indicate electrically if the door is open or closed. Normally the PDS-system is installed with two door switches.
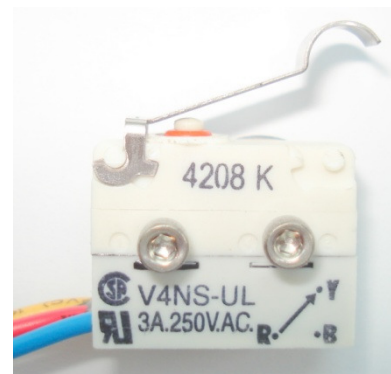
The PDS door switch is also available in an ATEX version for hazardous areas. For further information, see datasheet INTEC_308214 PDS Door Switch ATEX.

Technical specifications

Electrical rating: 250Vac, 5A

Terminal: (Connection with door closed).

COM (Common):	1 (RED)	
Open:	2 (YELLOW)	
Closed:	4 (BLUE)	

Mechanical specifications

Dimensions L×H×W/Weight: 20x26.7x6.5mm (incl. lever)/ 10 g

Mechanical life: 5×10^6 cycles
Ingress protection/Temperature: IP67/-40°C to + 85°C
Side mounting/Fixing: 2 pcs. M2 screws

Parts

Name	Quantity	Item
Door Switch V4NUL	1	508254
YC1 Lever	1	508255
(The YC1 lever is mounted on the door switch)		
M2x10 screw	2	509010
(Mounting of the door switch)		
Terminal grey 1-2.5mm²	3	308240
Label f Terminal # 1-10	1	501500
Heat shrink 6.4	2	505222

Certifications/Standards

UL1054/CSA 22.5 No.55. EN61058-1

Installation

Mount the door switch on the rail with the enclosed 2 pcs. M2x10 screws.
Fit the wires in the length and crimp with the nipple at the end.
Pull the heat shrink over the wires and fit the length.

Connect the wires with the nipple to the terminals. See also pictures.

Document:		1	Text
308212 PDS Door switch STD.doc		2	
Category:	Id: **MRP**	3	
Electrical components	Rev: 22.03.2012	4	
		5	
		6	
	Vølundsvej 17	7	
	DK- 3400 Hillerød	8	
FIRE EATER ⅍	Tel +45 7022 2769	9	
	Fax +45 7023 2769		