

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 91 481 - 76 HH

Company Danfoss A/S  
Nordborgvej 81  
6430 Nordborg, DENMARK

Product Description Pressure Switch

Type KPS 31, KPS 33, KPS 35, KPS 37, KPS 39, KPS 43, KPS 45, KPS 47

Environmental Category D, EMC1

Technical Data / Range of Application	Type	Range [bar]	Differential [bar]	Connection
	KPS 31:	0 - 2.5	0.1	G 1/4, G 3/8 A
	KPS 33:	0 - 3.5	0.2	G 1/4, G 3/8 A
	KPS 35:	0 - 8.0	0.4 - 1.5	G 1/4, G 3/8 A
	KPS 37:	6 - 18.0	0.85 - 2.5	G 1/4, G 3/8 A
	KPS 39:	10 - 35.0	2 - 6.0	G 1/4, G 3/8 A
	KPS 43:	1 - 10.0	0.7 - 2.8	G 1/4
	KPS 45:	4 - 40	2.2 - 11	G 1/4
	KPS 47:	6 - 60	3.5 - 17	G 1/4

Output: 1 c/o - contact

Rating: 10A 440V AC-1, 6A 440V AC-3, 4A 440V AC-15

Degree of protection: IP 67

Test Standard Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003

Documents Test Report: No. 23665 of 16-09-1976  
Test Report: No. 8174027 of 02-11-1981  
Drawing: 060 R 0030  
Data sheet: IK.20.E6.02

Remarks None

Valid until 2014-04-07

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File No. I.D.01

Hamburg, 2009-04-08

Type Approval Symbol



Germanischer Lloyd

  
Heinz Tobaben

  
Dariusz Lesniewski

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".