

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. **86 464 - 09 HH**

Company **Danfoss A/S
Nordborgvej 81
6430 Nordborg, DENMARK**

Product Description **2/2-way solenoid valves
3/2-way solenoid valves**

Type **EV210B, EV220B, EV224B
EV310B**

Environmental Category **D, EMC1**

Technical Data /
Range of Application **EV210B 3-6 : 2/2-way direct operated valve
Pressure range: 0 to 30bar
Thread connections: G1/8 to G1
EV220B 15-50 : 2/2-way servo operated valve
Pressure range: 0.3 to 16bar
Thread connections: G1/2 to G2
EV224B 15-25 : 2/2-way servo operated valve
Pressure range: 0.3 to 40bar
Thread connections: G1/8 to G1
EV310B 3: 3/2-way direct operated valve
Pressure range: 0 to 20bar
Thread connections: G1/8, G1/4 and G3/8
Power supply (coils): 24V DC, 110V AC, 230V AC (10W)
Degree of protection: IP65
*For separate installation only (not for valve manifolds)**

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

Documents **Danfoss Environmental Tests dated 21-04-2009 and Technical Report 2009-01907
Data sheets: IC.PD.200.J.02 520B2111, IC.PD.200.A4.02 520B3082
Data sheets: IC.PD.200.D5.02 520B3243, IC.PD.200N2.02 - 520B2616
Data sheet: IC.PD.600.A3.02**

Remarks **None**

Valid until **2015-01-13**

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File No. **I.C.02**

Hamburg, **2010-01-14**

Type Approval Symbol



Germanischer Lloyd

Jürgen Wittburg
Jürgen Wittburg

Dariusz Lesniewski
Dariusz Lesniewski

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