

TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV 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 **GL Guidelines for the Performance of Type Approvals, Chapter 2 – Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**

Documents **Danfoss Environmental Tests dated 21-04-2009**
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 **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007**

Valid until **2020-04-07**

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Type Approval Symbol




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