

CLASS 1

## Building Product Information Sheet

Product name:

Danfoss 3 Port Diverter Valve Actuator

Product line (the product line from which the product is customised):

Zone valve actuators

Product description and its intended use (measurements, materials, usage):

Spring return actuators with auxiliary switches and one metre of cable with industry standard wire colours. A lever enables the valves to be opened manually, useful when filling the system.

4 wire actuator with SPST Aux. Sw. 230V.

Connects to and used in conjunction with 3 port diverter valve.

Not for use with potable water when integrated with a non-potable valve.

Product identifier (if applicable):

V3PZVA

Please of manufacturer:  Aotearoa New Zealand  Overseas

Legal and trading name of the manufacturer(s):

Danfoss

Legal and trading name of the manufacturer(s):

Central Heating New Zealand Ltd

Address for service:

STREET NAME 52 Pilkington Way

SUBURB Wigram

CITY, COUNTRY Christchurch, New Zealand

POSTCODE 8042

Website:

<https://www.centralheating.co.nz/>

Email Address:

[info@centralheating.co.nz](mailto:info@centralheating.co.nz)

Phone No. (if applicable):

03 357 1233

NZBN (if applicable):

9429036621231

Relevant Building Code clauses:

Clause B2 DURABILITY:  
Performance B2.3.1 (b)

Clause F2 HAZARDOUS BUILDING MATERIALS:  
Performance F2.3.1.

Clause G10 PIPED SERVICES:  
Performance G10.3.1 (a).

Statement on how the building product is expected to contribute to compliance:

Clause B2 DURABILITY:  
Performance B2.3.1 (b) 15 years. Valve actuators are moderately easy to access and replace if installed in accordance with the instructions and product requirements.

Clause F2 HAZARDOUS BUILDING MATERIALS:  
Performance F2.3.1. Valve actuators meet this requirement and do not present a health hazard to people.

Clause G10 PIPED SERVICES:  
Performance G10.3.1 (a). Heating valve actuators are intended for a non-potable piping system, which contributes to meeting this requirement when used in heating systems.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured.*
- *physical properties of the building product*
- *how the building product is intended to be used.*

**Limitations on the use of the building product:**

Please refer to the Danfoss 3 Port Diverter Valve Actuator [technical information](#) provided on the Central Heating NZ website.

The hot water heating system must not be connected to the potable water supply system.

**Design requirements that would support the use of the building product:**

The heating system design, including the layout of the pipe, must be carried out by a suitably qualified designer.

Please refer to the actuator [technical information](#) provided on the Central Heating NZ website.

Design must consider the requirement of building code clause H1 for pipework and heating design.

**Installation requirements:**

Please refer to the actuator [technical information](#) and installation instructions provided on the Central Heating NZ website.

The system installation must be carried out by a licensed and qualified tradesperson, in accordance with the design supplied by the suitably qualified designer.

A detailed as-built plan and site photos shall be provided upon the conclusion of installation showing location of all associated pipework and the valve/actuator location on a heating schematic.

Actuator only, valve body separate.

**Maintenance requirements:**

Is the building product/building product line subject to warning or ban under section 26:

Yes  No

If yes, description of the warning or ban under section 26:

Date:

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