

# Dual Modular Safety Shutoff Valve with NEMA 4x Enclosure DMV-D(LE)/604L Series

The Dual Modular Valve (DMV) combines two automatic shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models.

Application: The DMV/604L is recommended for industrial and commercial heating applications that require two safety shutoff valves. The DMV is suitable for dry natural gas, propane, butane, air and other inert gases.

A “dry” gas has a dew point lower than +15°F and its relative humidity is less than 60%.

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## Dual Modular Safety Shutoff Valves DMV-D(LE) 525/11

The Dual Modular Valve (DMV) combines two safety shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models.

Application: The DMV is recommended for industrial and commercial heating applications that require two safety shutoff valves. The DMV is suitable for dry natural gas, propane, butane, air and inert gases. Suitable for up to 0.1% by volume, dry H<sub>2</sub>S.

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## **Dual Modular Safety Shutoff Valves DMV-D(LE)/11 Series**

The Dungs Dual Modular Valve (DMV) combines two safety shutoff valves in one compact housing, which can be wired independently or in parallel.

Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V1 provides variable main flow on both models.

Applications: The Dungs DMV is recommended for industrial and commercial heating applications that require two safety shutoff valves. The DMV Dual Modular Valve is suitable for dry natural gas, propane, butane, air and other inert gases. Suitable for up to 0.1% by volume, dry H<sub>2</sub>S.

A “dry” gas has a dew point lower than +15° F and its relative humidity is less than 60%.

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# **Dual Modular Safety Shutoff Valves w/ NEMA 4x Enclosure DMV-D(LE) 704/604**

The Dual Modular Valve (DMV) combines two safety shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models.

Application: The DMV is recommended for industrial and commercial heating applications that require two safety shutoff valves. The DMV is suitable for dry natural gas, propane, butane, air and inert gases.

A “dry” gas has a dew point lower than +15° F and its relative humidity is less than 60%.

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# **Dual Modular Safety Shutoff Valves w/ Proof of Closure and NEMA Type 4x Enclosure DMV-D(LE) 704/624, DMV-D(LE) 704/634**

The Dual Modular Valve DMV/624 combines two automatic shutoff

valves in one compact housing. Valve 2 incorporates proof of closure. The DMV/634 combines two automatic shutoff valves in one compact housing. Valve 1 and Valve 2 incorporate proof of closure. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models. Internal profiles and compact design optimize flow and provide a low pressure drop.

Application: The DMV is recommended for industrial and commercial heating applications that require two safety shutoff valves with proof of closure. The DMV Dual Modular Valve is suitable for natural gas, propane, butane, air and inert gases. The DMV is suitable for dry natural gas, propane, butane, air and inert gases.

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## **Dual Modular Safety Shutoff Valves w/ Two-stage operation and Proof of Closure DMV-ZRD(LE)/612 Series**

The Two-Stage Dual Modular Valve DMV-ZR/612 series combines two safety shutoff valves in one compact housing. Valve 2 incorporates two stages which can be set at two different firing rates. Both firing rates are field adjustable and can modulate from high to low during burner operation. Valve 1 (V1) of the DMV-ZRD and DMV-ZRDLE series is fast opening and

fast closing. Valve 2 (V2) of the DMV-ZRD is fast opening while V2 of the DMV-ZRDLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models.

Application: The DMV-ZR is recommended for industrial and commercial heating applications, where two automatic shutoff valves, proof of closure and modulating between two firing rates during burner operation are required. The DMV-ZR Dual Modular Valve two stage is suitable for dry natural gas, propane, butane, air and inert gases.

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## **Dual Modular Safety Shutoff Valves w/ Vent Line Adapter DMV/6×2 Series, DMV/6x4L Series, DMV-ZR/6×2 Series**

The Dual Modular Valves with Vent Line Adapter (DMV-VLA) combines two safety shutoff valves in one compact housing with a factory installed vent line connection between the two safety valves.

DMV-D series contain two fast opening and fast closing safety shutoff valves, and max. flow adjustment to vary the flow.

DMV-DLE series have an extra feature. Valve two is a slow-opening valve.

DMV valves ending /622, /624L and /612 have proof of closure.

DMV valves ending in L are rated as NEMA Type 4.

DMV ZR series valves have two stage operation.

The DMV-VLA is recommended for industrial and commercial heating applications that require two safety shutoff valves with a vent line connection between the safety shutoff valves. The DMV-VLA is suitable for dry natural gas, propane, butane, air and inert gases.

A “dry” gas has a dew point lower than +15°F and its relative humidity is less than 60%.

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## **Dual Safety Shutoff Valves w/ Proof of Closure and NEMA 4x Enclosure      DMV-D(LE)/624L Series**

The Dual Modular Valve DMV/624L combines two automatic shutoff valves in one compact housing. Valve 2 (V2) incorporates proof of closure. Both valves can be wired independently or in parallel. Valve 1 (V1) of the DMV-D and DMV-DLE series is fast opening and fast closing. Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models.

Application: The DMV/624L is recommended for industrial and commercial heating applications that require two safety shutoff valves, one with proof of closure. The DMV Dual Modular Valve is suitable for dry natural gas, propane,

butane, air and inert gases.

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## **DUNGS Ball Valves**

Manually operated ball valves for gas piping carrying natural gas, propane, butane, air and inert gases.

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## **DUNGS DMV Dual Modular Valves**

The Dual Modular Valve (DMV) combines two safety shutoff valves (which can be wired independently or in parallel) in one compact housing. This DMV is recommended for industrial and commercial heating applications that require two safety shutoff valves in series. The DMV is suitable for natural gas, propane, butane, air and other inert gases.

- Valve 1 (V1) of the DMV-D and DMV- DLE series is fast opening and fast closing.
  - Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off.
  - Max. flow adjustment on V2 provides variable main flow on both models.
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# **DUNGS DMV Dual Modular Valves with Proof of Closure DMV-D/622 Series and DMV-DLE/622 Series**

The Dual Modular Valve (DMV) combines two safety shutoff valves (which can be wired independently or in parallel) in one compact housing.

- Valve 1 (V1) of the DMV-D and DMV- DLE series is fast opening and fast closing.
- Valve 2 (V2) of the DMV-D is fast opening, while V2 of the DMV-DLE is slow-opening for smoother light-off . Max. flow adjustment on V2 provides variable main flow on both models.
- Valve 2 (V2) incorporates proof of closure (POC) on model 622.

## **Application**

This DMV is recommended for industrial and commercial heating applications that require two safety shutoff valves in series with POC. The DMV is suitable for natural gas, propane, butane, air and other inert gases.

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## **Dungs Dual Modular Safety Shutoff Valves with Two-stage**

# **operation      DMV-ZRD (LE) / 602 Series**

The Two-Stage Dual Modular Valve (DMV-ZR) combines two safety shutoff valves in one compact housing, which can be wired independently or in parallel. Valve 2 incorporates two stages, which can be set at two different firing rates. Both firing rates are field adjustable and can modulate from high to low during burner operation. Valve 1 (V1) of the DMV-ZRD and DMV-ZRDLE series is fast opening and fast closing. Valve 2 (V2) is a two stage valve. V2 of the DMV-ZRD is fast opening, while V2 of the DMV-ZRDLE is slow-opening for smoother light-off. Max. flow adjustment on V2 provides variable main flow on both models. The DMV-ZR is recommended for industrial and commercial heating applications where two automatic shutoff valves and modulating between two firing rates during burner operation are required. The DMV-ZR Dual Modular Valve two stage is suitable for dry natural gas, propane, butane, air and inert gases.

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## **DUNGS MVD Single Valves**

The MVD/6 and the MVDLE/6 are electrically operated normally closed, automatic safety shutoff valves for gas burners and gas appliances.

- MVD/6 is fast opening and closing. MVDLE/6 is slow opening and fast closing.
- Optional field installable visual indicator (VI) or CPI 400 with indication lamps and SPDT interlock switch for valve position.

## Application:

The MVD/6 and MVDLE/6 are recommended for industrial and commercial heating applications that require one safety shutoff valve or two safety shutoff valves in series. The MVD/6 and MVDLE/6 safety shutoff valves are suitable for natural gas, propane, butane, air and inert gases.

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# Eclipse Butterfly Valves

Eclipse Butterfly Valves are designed to control air and gas flow to all types of combustion systems. They should not be used as tight shut-off valves.

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# Honeywell                      Kromschroder Solenoid Valves for gas VAS, Double Solenoid Valves VCS

Solenoid valves for gas VAS and double solenoid valves VCS for safeguarding and controlling the air and gas supply to gas burners and gas appliances. For use in gas control and safety systems in all sectors of the iron, steel, glass and ceramics industries, also in commercial heat generation, such as the packaging, paper and foodstuffs industries.

Additional Information:

The VAS and VCS have position indicators with integral visual indicators, are suitable for high-duty cycling, allow higher flow rates with the same nominal size, EC type-tested and certified and are FM, CSA and AGA approved.

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## **Maxon Series 8000 Air Actuated Valves**

MAXON Series 8000 Air Actuated Valves combine a unique space-saving design with a maintenance-free bonnet seal and a replaceable actuator for easy installation and smooth, trouble-free operation. The valve's quick exhaust and powerful closing spring provide valve closure in less than one second and reliable, long-life operation. The Series 8000 Valve's compact design simplifies piping design and minimizes space requirements. The field-replaceable actuator provides easier maintenance and reduced downtime. The actuator can also be rotated around the valve body in 90° increments to fit your specific application requirements. A unique bonnet design eliminates packing adjustments for reduced maintenance and minimized drag on closing. The large top-mounted open-shut indicator is visible from all angles for easy proof of valve position. SIL 3 capable design provides easy design for safety instrumented systems in the IEC 61508 and 61511 process. FM, CSA and CE approvals for use as a fuel safety shut-off valve making easy integration with worldwide certifications.

### **Additional Information:**

Cast iron, carbon steel, low temperature carbon steel and stainless steel body assemblies with internal trim options to

handle general purpose or corrosive gases; oxygen compatibility, NACE compliance, and fire safe conformance to API 6FA. Actuator assemblies are field-replaceable and available in 120VAC 50/60 Hz, 240VAC 50/60 Hz, and 24VDC (with low power option), rated for NEMA 4, NEMA 4X and IP65. Series 8000 Valves meet Fluid Control Institute (FCI) 70-2 control valve standard for Class VI seat leakage.