

Motorised Valves

Drayton

by Schneider Electric

The Drayton 2-port, diverter and mid-position valves are available in 22mm and 28mm. All models feature “snap-on” actuators and have industry-standard wiring and dimensions.

Made for simplicity

- “Snap-on” actuators can be removed at the push of a button
- 2-port, diverter and mid-position available in 22mm and 28mm
- 100% tight shut off
- Manual lever and valve position indicator
- Spring return
- Replaceable actuators
- Replaceable motors
- Simple industry-standard wiring
- Complete assembly easily replaces most makes

Complete Valve and Actuator	Part No.
22mm 2 Port zone valve - 5 wire SPST switch	27100
22mm Mid-position valve - 5-wire SPST switch	27101
22mm 3 Port diverter valve - no switch	27102
22mm 3 Port diverter valve - 5 wire SPST switch	27111
28mm 2 Port zone valve - 6 wire SPDT switch	27205
28mm Mid-position valve - 6 wire SPDT switch	27206
28mm 3 Port diverter valve - no switch	27207

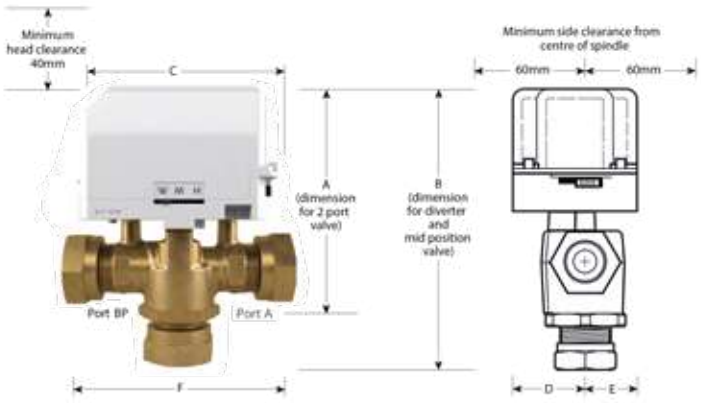
Spare valve bodies	Part No.
22mm 2 Port body	27600
22mm 3 Port body	27602
28mm 2 Port body	27601
28mm 3 Port body	27603

Spare actuators	Part No.
3 Wire Zone valve 230V actuator - no switch	27652
5 Wire Zone valve 230V actuator - SPST switch	27650
6 Wire Zone valve 230V actuator - SPDT switch	27653
3 Wire Zone valve 24V actuator - no switch	27654
5 Wire Zone valve 24V actuator - SPST switch	27656
5 Wire Zone valve 24V actuator - SPST switch	27657
Mid-position actuator 230V	27651

Spare Motor	Part No.
Synchronous motor pack 230V	27011
Synchronous motor pack 24V	06170002001

How we measure up

Dimensions – see table below for dimensions



Model	A	B	C	D	E	F
22mm 2 Port zone valve - 5 wire SPST switch	120	-	105	43	27	110
22mm Mid-position valve - 5-wire SPST switch	-	145	105	43	27	110
22mm 3 Port diverter valve - no switch	-	145	105	43	27	110
22mm 3 Port diverter valve - 5 wire SPST switch	-	145	105	43	27	110
28mm 2 Port zone valve - 6 wire SPDT switch	117	-	105	43	27	124
28mm Mid-position valve - 6 wire SPDT switch	-	150	105	43	27	124
28mm 3 Port diverter valve - no switch	-	150	105	43	27	124

Getting technical

	Motorised Valves
Standard motor voltage	230V a.c. ≈ 5W
Valve operation 2 Port: Diverter: Mid-position:	Standard valves – energise to open Energise to open port A Heating, hot water or a combination of both
Operating time 2 Port: Diverter:	 Motor 14 secs., spring return 6 secs. Motor 12 secs., spring return 6 secs.
Max. static pressure	8.6 bar
Max. differential pressure	0.7 bar
Flow characteristics	22 mm Kv 5.0
	28 mm Kv 7.0
Water temperature	93°C max., 2°C min
Max. ambient temperature	52°C
Valve body	Brass forging
Connections	22mm compression; 28mm compression
Lead length	1 Metre
Switch ratings	24V – 230V a.c. 3(1)A

draytoncontrols.co.uk

Customer & Technical Support: 0333 6000 622

D42-8

In accordance with our continuous improvement procedures, we reserve the right to change design features and specifications without prior notification. The Data contained in this document is for guidance only. Drayton accepts no liability for any consequential losses, injury or damage resulting from the use of this document or the information contained within.

Join The Drayton Community Facebook Group

MADE IN BRITAIN®