

Data Sheet

Directional Control Valve - Compact Valves

DS245SR61-A

DS2-3/2 Single Solenoid Operated With Spring Return - DS2-3/2 Single Solenoid Operated With Spring Return



Technical Specification

Product Description	Single Solenoid Pilot Operated Valve with Spring Return - G1/4 , 3/2 Normally Closed, 220V AC
Large Description	• DS245SR61-A • Single Solenoid Pilot Operated Valve with Spring Return - G1/4 , 3/2 Normally Closed, 220V AC • Standard Socket
HSN Code	84818050
Design Type	DS2-Spool Type
Number of Port and Positions	3/2 Normally Closed
Mode of Actuation	Solenoid
Mode of Reset	Spring
Flowrate in LPM (Inlet to Outlet Port)	1200
Flowrate in CFM (Inlet to Outlet Port)	42.37
Thread Type	BSP(G)
Port Size	G1/4
Outlet Port (2)	G1/4
Outlet Port (4)	Not Applicable
Exhaust (3)	G1/4
Manual Override	Push and Turn to Lock
Operating Medium	Compressed Air Dry, Filtered, Lubricated

Operating Pressure Range {bar}	2 to 10
Operating Pressure Range (psi)	29 to 145
Operating Pressure Range (MPa)	0.2 to 1
Mounting Type	Individual, Manifold Mountable
Coil Voltage Type	AC
Voltage Rating {+/-10%}	220V
Power Consumption	6VA
Coil Width	22 MM
Coil Type	Standard
Socket Type	Standard Socket
Coil Connection Type	PG9 (Cable OD 6 - 8 mm)
Catalogue Dim L (mm)	126
Catalogue Dim B (mm)	26
Catalogue Dim H (mm)	70
Product Weight [kilograms]	0.24
Product Weight [pounds]	0.54
Package size L x B x H (mm)	Nil
Gross Product Weight [kilograms]	0.24
Gross Product Weight [pounds]	0.54
Seal Kit Part Number	SK4033
Actuator Assembly	SC3001
Coil (without Connector)	AC23A
Modular Solenoid Valve	Nil
Connectors	• R1/4 x Dia 6-OD Tubing • R1/4 x Dia 8-OD Tubing • R1/4 x Dia 10-OD Tubing
Tubes	Dia 6, Dia 8 & Dia 10
Flow Control Valves	• R1/4 x Dia 6-OD Tubing • R1/4 x Dia 8-OD Tubing • R1/4 x Dia 10-OD Tubing
Product Group	Directional Control Valve
Ambient Temperature °C	-10 °C to +60 °C
Ambient Temperature °F	14 °F to 140 °F
Medium Temperature °C	5 °C to 50 °C
Medium Temperature °F	41 °F to 122 °F

Material of construction	Aluminium, Nitrile, Brass, Acetal, PBT, Zinc, SS, Polyamide, Viton
Features	• Suitable for manifold mounting • Mounting position for individual unit • Compact size • Manual override • Wide range of manifolds available • Wide range of coil voltages
Note	At Inlet Pressure 6 bar (87 psi, 0.6 Mpa), and pressure drop $\Delta p = 1$ bar (145 psi, 0.1 Mpa)
Class of Insulation	Class F
Duty Cycle	Continuous
Type of Coil Protection	IP 65
Unit of Measurement	No's
Minimum Order Quantity	1
Is this part Made to Order?	Yes
Inner Package Quantity	1
Manufacturer Name	Janatics India Pvt.Ltd
Brand Name	Janatics
Countries of Origin	India
Temperature Storage Range Low °C	-10 °C
Temperature Storage Range Low °F	14 °F
Temperature Storage Range High °C	60 °C
Temperature Storage Range High °F	140 °F
ATEX	Nil
REACH	Nil
ROHS	Nil