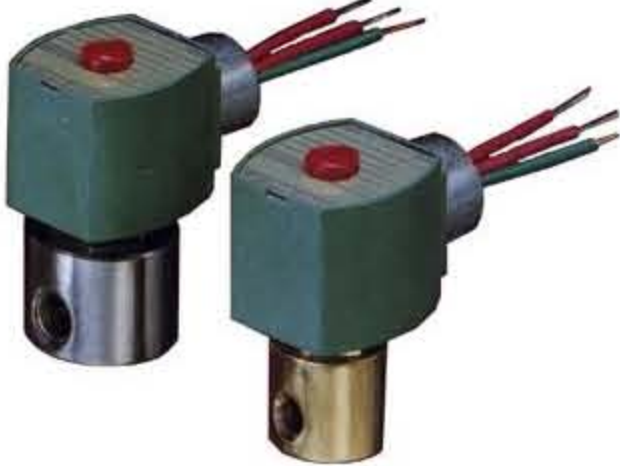


8262/8263
Series



2 WAY DIRECT ACTING
General Service Solenoid Valves
Brass or Stainless Steel Bodies - 1/8" to 3/8" N.P.T.



Specifications

Solenoid Enclosures: Valves listed in this series have Red-Hat II molded epoxy solenoids. Red-Hat II valves are identified by the change letter "G" in their catalog numbers, e.g., 8262G2, and are shown in red.

Standard Enclosures:

Red-Hat II -- Types 1, 2, 3, 3S, 4 and 4X Combination General Purpose and Watertight

Optional Enclosures:

Red-Hat II -- Types 3, 3S, 4, 4X, 6, 6P, 7 and 9 Combination Explosionproof and Watertight. To order, add prefix "EF" to catalog number.

Additional constructions are available. The [Optional Features Section](#) contains descriptions and ordering information for: Open Frame Solenoids - Junction Box Enclosures - Panel Mount Constructions.

Electrical: Standard Voltages: 24, 120, 240, 480 volts, AC, 60 Hz (or 110, 220 volts, AC, 50 Hz)

6, 12, 24, 120, 240 volts, DC

Other voltages are available when required.

Coil: Continuous duty molded Class F.

Nominal Ambient Temperature Ranges: AC Construction: 32°F to 125°F.

DC Construction: 32°F to 104°F.

Valve Parts in Contact with Fluids:

Body -- Brass or Stainless Steel, as listed
Seals and Discs -- Buna "N" or Cast Urethane, as listed
Core Tube -- 305 s.s.
Core and Plugnut -- 430F s.s.
Shading Coil -- Copper (brass body); Silver (stainless steel body)
Springs -- 302 s.s.
All 1/8" N.P.T. Normally Open valves contain Acetal.
All 1/4" N.P.T. Normally Open valves contain Nylon

Approvals: CSA certified. UL listed as indicated. FM approved (Normally Closed valves only).

Ordering Information: *Important:* We must have catalog number, voltage and Hertz, operating pressure and fluid handled. Use strainers with Solenoid Valves.

Pipe Size (ins.)	Orifice Size (ins.)	CV Flow Factor	Operating Pressure Differential (psi)						Max. Fluid Temp. °F		Standard Solenoid Enclosures Red-Hat II - Types 1, 2, 3, 3S, 4 and 4X						Watt Rating/ Class of Coil Insulation ²	
			Max. AC			Max. DC					Brass Body			S.S. Body				
			Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU	AC	DC	Catalog Number	Constr. Ref. No.	UL Listing	Catalog Number	Constr. Ref. No.	UL Listing	AC	DC
Normally Closed (Closed when de-energized), Buna "N" Disc																		
1/8	3/64	0.06	750	750	530	650	640	550	180	120	8262G1	1	o	8262G12	1	o	6.1/F	10.6/F
1/8	3/32	0.20	275	290	130	150	140	145	180	120	8262G14	1	o	8262G15	1	o	6.1/F	10.6/F
1/8	1/8	0.34	155	180	140	80	80	80	180	120	8262G2	1	o	8262G6	1	o	6.1/F	10.6/F
1/4	3/64	0.06	750	750	500	500	500	500	180	120	8262G19	16	o	8262G80	11	o	6.1/F	10.6/F
1/4	3/32	0.17	360	340	160	150	125	125	180	120	8262G20	16	o	8262G86	11	o	6.1/F	10.6/F
1/4	1/8	0.35	140	165	90	65	60	60	180	120	8262G22	16	o	8262G7	11	o	6.1/F	10.6/F
1/4	1/8	0.35	300	300	200	75	70	70	180	150	8262G232	17	o	--	--	--	6.1/F	11.6/F
1/4	5/32	0.50	180	200	145	40	40	45	180	150	8262G202	4	o	8262G220	12	o	10.1/F	11.6/F
1/4	7/32	0.72	90	100	100	25	25	25	180	150	8262G208	4	o	8262G226	12	o	10.1/F	11.6/F
1/4	7/32	0.85	40	50	40	17	20	21	180	120	8262G13	2	o	8262G36	11	o	6.1/F	10.6/F
1/4	9/32	0.88	60	75	60	18	15	18	180	150	8262G210	4	o	--	--	--	10.1/F	11.6/F
1/4	9/32	0.88	90	100	90	25	20	22	180	150	8262G212	6	o	8262G230	13	o	17.1/F	22.6/F
1/4	9/32	0.96	27	36	28	15	16	16	180	120	8262G90	2	o	8262G38	11	o	6.1/F	10.6/F
3/8	1/8	0.35	160	150	90	65	60	60	180	120	8263G2	3	o	8263G330	3	o	6.1/F	10.6/F
3/8	5/32	0.52	100	100	100	35	35	35	180	150	8263G200	5	o	8263G331	5	o	10.1/F	11.6/F
3/8	7/32	0.72	100	100	100	25	25	25	180	150	8263G206	5	o	8263G332	5	o	17.1/F	11.6/F
3/8	9/32	0.85	100	100	70	--	--	--	180	--	8263G210	7	o	8263G333	7	o	17.1/F	--
Normally Open (Open when de-energized), Buna "N" Disc (except where noted)																		
1/8	1/16	0.09	500	300	225	400	250	150	180	120	8262G91	8	*	8262G92	8	*	6.1/F	10.6/F
1/8	3/32	0.15	275	200	150	190	110	110	180	120	8262G93	8	*	8262G94	8	*	6.1/F	10.6/F
1/8	1/8	0.21	125	100	85	80	60	50	180	120	8262G31	8	*	8262G35	8	*	6.1/F	10.6/F
1/4	3/64	0.06	750	700	500	500	500	500	140	140	8262G260 ¹	9	*	8262G130 ¹	14	*	10.1/F	11.6/F
1/4	3/32	0.17	300	250	230	200	150	125	140	140	8262G261 ¹	9	*	8262G134 ¹	14	*	10.1/F	11.6/F
1/4	1/8	0.35	130	110	100	80	60	60	180	150	8262G262	9	*	8262G138	14	*	10.1/F	11.6/F
1/4	5/32	0.49	85	75	60	45	30	30	180	150	8262G263	4	*	8262G142	14	*	10.1/F	11.6/F
1/4	7/32	0.83	45	45	40	25	20	20	180	150	8262G264	4	*	8262G146	14	*	10.1/F	11.6/F
1/4	9/32	0.96	30	25	20	15	15	15	180	150	8262G265	9	*	8262G152	14	*	10.1/F	11.6/F

Notes:

- o - General Purpose Valve - a normally open or normally closed valve intended to control the flow of a fluid, but not to be depended upon to act as a safety valve. This is a UL and CSA classification and is not intended to indicate valve service or application.

* - Safety Shutoff Valve - a normally closed valve of the "on" and "off" type intended to be actuated by a safety control or emergency device to prevent unsafe fluid delivery. It may also be used as a General Purpose Valve. A multiple port valve may be designated as a Safety Shutoff Valve only with respect to its normally closed port. This is a UL, FM and CSA valve classification.
- 1 - Cast Urethane disc supplied as standard.

2 - On 50 Hertz service, the watt rating for the 6.1/F solenoid is 8.1 watts.