

Vacuum and gas-filled relays overview

Relay selection guides

Relays by type				
Relay type	Test voltage (kV peak @ 60 Hz)	Max. cont. current (amps RMS)	Model no.	Page number
SPST vacuum	4	12	RF41-26SA	41
	4	12	RF42-26SA	41
	6	12	RF44-26SA	42
	9	12	RF43-26SA	42
	8	12	RF5A-26SA	43
	8	12	RF6A-26SA	43
	6	35	RF47-26SA	43
	6	30	RF72-26SA	44
	6	30	RF72-N1105A	44
	6	30	RF72-N1107A	44
	6	30	RF80-26SA	44
	6	10	RF88-26SA	44
	12	12	RF50-26SA	45
	12	12	RF51-26SA	45
	12	30	RF73-26SA	45
	15	15	RF52-26SA	45
	15	12	RF53-26SA	45
	16	15	RF69-26SA	46
	30	110	RJ8A-26SA	46
SPDT vacuum	4	8	RF1E-26SA	47
	4	12	RF60-26SA	47
	4	10	RF61-26SA	47
	5	18	RJ1A-26SA	48
	5	3	RJ1H-26SA	48
	6	18	RJ1C-26SA	48
	6	18	RJ1D-15SA	48
	9	10	RF62-26SA	49
	9	10	RF63-26SA	49
	15	50	RJ2B-26SA	50
	15	30	RJ6B-26SA	50
	15	30	RJ6B-26D3136A	50
	18	30	RJ4C-26SA	51
	20	75	RF10B-26SA	51
	30	10	RJ5B-26SA	52
SPDT gas	50	10	RGH5-26SA	52

Vacuum and gas-filled relays overview

Relay selection guides

Relays alpha listing by model number	
Alpha listing by model no.	
Model no.	Page number
RF10B-26SA	51
RF1E-26SA	47
RF41-26SA	41
RF42-26SA	41
RF43-26SA	42
RF44-26SA	42
RF47-26SA	43
RF50-26SA	45
RF51-26SA	45
RF52-26SA	45
RF53-26SA	45
RF5A-26SA	43
RF60-26SA	47
RF61-26SA	47
RF62-26SA	49
RF63-26SA	49
RF69-26SA	46
RF6A-26SA	43

Relays alpha listing by model number	
Alpha listing by model no.	
Model no.	Page number
RF72-26SA	44
RF72-N1105A	44
RF72-N1107A	44
RF73-26SA	45
RF80-26SA	44
RF88-26SA	44
RGH5-26SA	52
RJ1A-26SA	48
RJ1C-26SA	48
RJ1D-15SA	48
RJ1H-26SA	48
RJ2B-26SA	50
RJ4C-26SA	51
RJ5B-26SA	52
RJ6B-26D3136A	50
RJ6B-26SA	50
RJ8A-26SA	46



Vacuum and gas-filled relays overview

Introduction



Jennings high-voltage vacuum relays

Jennings vacuum relays are widely used in airborne, mobile and marine communications equipment. Typical applications include antenna coupling, tap changing on radio frequency (RF) coils, transmit/receive switching to an antenna, switching in pulse-forming networks and heavy-duty power supplies. Our relays are noted for fast operating speeds and the ability to withstand high voltages and carry heavy currents (at frequencies up to 75 MHz), while maintaining low and stable contact resistance.

Vacuum relays are available in SPST normally open (N/O) and normally closed (N/C) models, as well as SPDT configurations. Latching relays are available in some models.

Vacuum as a dielectric

Vacuum is the ideal dielectric for high voltage relay switching. It has extremely high voltage breakdown characteristics, a fast recovery rate (up to 10 kV per millisecond) and it provides an absolutely inert and non-reactive environment for switching contacts. Since there is no oxygen in a vacuum, contacts remain oxidation free. The high dielectric strength of the vacuum permits close contact spacing, on the order of 1000 volts per mil. The small movement required to operate a vacuum relay permits the use of small, low mass actuators, allowing high operating speeds. Use of refractory metal contacts provides exceptional interrupting ability and ensures long contact life.

If a load is switched, an arc will form. At the point where the contacts are getting very close and the current density is getting higher and higher, a breakdown occurs. This arc will have a very low voltage of 18–23 V and be quite stable in comparison to an arc in air, which is another advantage of vacuum (Figure 1). The vacuum relay constant arc voltage acts as a current limiter and, when considered in combination with the inherent short arc time, offers a technology that generally wears less than other types of relays, providing stable performance over the life of the relay.

Pressurized gas as a dielectric (at Jennings, a mixture containing primarily SF-6)

Pure high-pressure gas enables relays to attain high dielectric strength and avoid oxidation. This dielectric is ideal for the high in-rush capacitive make and capacitive discharge loads. Typical applications include electrostatic discharge (ESD) test equipment, cable test equipment and heart defibrillators. Gas-filled relays also provide low, stable leakage current in applications sensitive to current fluctuations, especially across open contact sets over long periods of time.

Gas-filled relays, however, should not be used when it is necessary to break a current. As the contacts open, the gas is ionizing and an arc is formed and sustained for much longer than in vacuum.

The contact resistance of Jennings' gas-filled relays is typically measured at 28 V and will be higher and not as stable as in a vacuum relay.

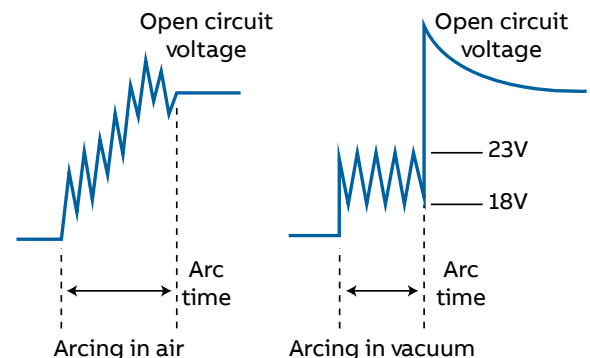


Figure 1

Vacuum and gas-filled relays overview

Introduction

Typical applications

RF applications

Jennings vacuum relays play a vital role when high power and low RF losses are required.

- Vapor deposition for semiconductor wafer processing
- Transmitter/receiver switches
- Pulse forming networks
- Ion implant
- MRI power supplies
- Radar systems
- Security screening systems
- TWT power supplies
- Radio antenna tuning matching circuits

Test equipment and instrumentation

Jennings gas-filled relays are well suited for high in-rush and stable leakage current applications, and Jennings vacuum relays are the ideal solution for low leakage and high carry current applications.

- ESD pulse forming equipment
- HiPot testing
- Cable testing
- Motor winding testing
- Mega-ohm testing
- High power lasers
- Power supply testing
- Mass spectrometry
- High-voltage power supplies
- Transformer test equipment
- Ballast test equipment

Specialized applications

Jennings vacuum and gas-filled relays are excellent for:

- Airport lighting systems
- Geosciences down-hole data acquisition
- Scientific instrumentation
- Under-sea power distribution
- Sinusoidal heart defibrillators

Custom applications

Because Jennings relays and contactors are sealed to support a vacuum, they can also be filled with special gases for custom applications. They can be re-packaged, tailored or tested to specific requirements.

- Super-low nano amperage leakage
- Screw terminals, long flying leads or special connectors
- Special packaging to replace obsolete relays
- Very low temperature applications
- High-pressure oceanic applications
- Low out-gassing and Hi-Rel testing with traceability and configuration controls for space and satellites

Basic functionality — how do Jennings relays work?

Jennings manufactures two common relay types:

1. Clapper type relay (Figure 2)
2. Diaphragm relay (Figure 3)

The drawings below show both types and their main features.



Figure 2



Figure 3

A Jennings vacuum relay consists of two main assemblies: the ceramic “switch” assembly, which contains the HV contacts, and the actuator assembly, which holds the actuation coil.

The two types differ in regard to the mechanical actuation. In the diaphragm relay, the actuator is placed outside of the vacuum envelope, whereas in the clapper type relay, the actuator is located inside the vacuum.

The assembly containing the coil is the driving part of the relay and will be connected to the driver circuit. As voltage is applied to the coil, a magnetic field is built up and an electromagnetic force is created. This force is used to move the mechanism and thus the movable contact inside the vacuum envelope. The contact transfers from the N/C to the N/O position or, in an SPST relay, opens your high voltage circuit.

Vacuum and gas-filled relays overview

Selection guide

How to use this table

From the diagrams at the top of the table, choose the contact configuration that meets your requirements. Then choose from the list in that column the relay that meets your voltage and current specifications. Please refer to the product information included in this catalog and look for more detailed information on the selected relay.

Use this table for all continuous current carry applications. For all power switching applications, please contact customer service.

Form A	Form B	Form C	Latching	Latching
SPST—N/O	SPST—N/C	SPDT	SPST	SPDT
RF42-26SA RF6A-26SA RF80-26SA RF51-26SA RF53-26SA RJ8A-26SA	RF41-26SA RF5A-26SA RF88-26SA RF50-26SA RF52-26SA RF69-26SA	RF1E-26SA RJ1H-26SA RJ1C-26SA RJ1D-15SA RF61-26SA RJ1A-26SA RF62-26SA RJ2B-26SA RJ6B-26SA RJ6B-26D3136A RJ4C-26SA RF10B-26SA RJ5B-26SA RGH5-26SA	RF44-26SA RF43-26SA RF47-26SA RF72-26SA RF73-26SA	RF60-26SA RF63-26SA



Vacuum relays — SPST

RF41 and RF42 series

Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity – open to ground	Max. contact resistance	Pull-in voltage @ 25 °C VDC		Drop-out voltage @ 25 °C VDC	Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz					msec	msec						
RF41-26SA	4	3.6	3.6	3.2	2.5	12	10	7.5	5	10	10	1.6	0.2	16	1–10	290	50	10 @ 55–2000 Hz	1	1 (28)	
RF42-26SA	4	3.6	3.6	3.2	2.5	12	10	7.5	5	10	10	1.6	0.02	8	1–5	48	50	10 @ 55–2000 Hz	1	1 (28)	

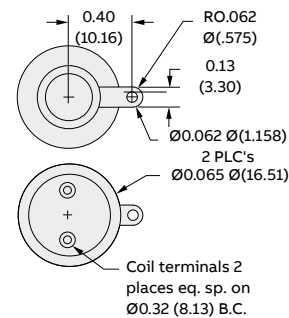
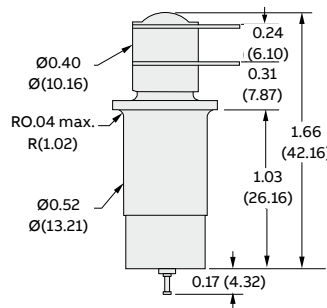


RF41-26SA

Form: N/C

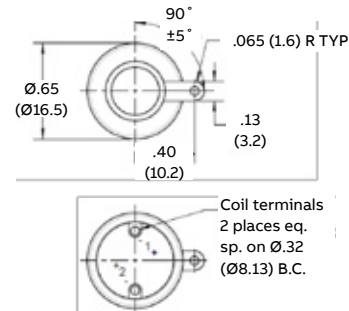
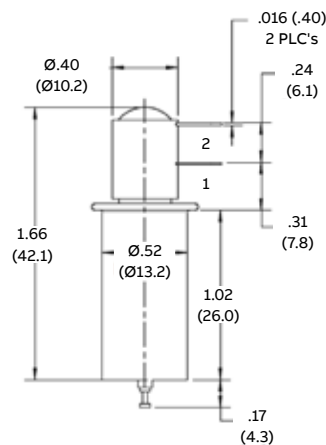
Flange version available:

RF41D-26SA



RF42-26SA

Form: N/O



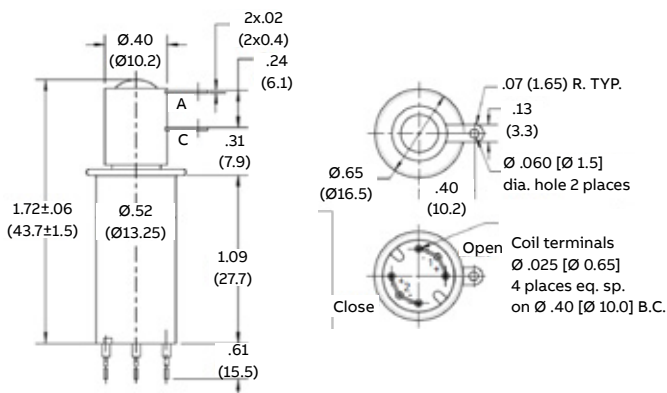
Vacuum relays — SPST

RF43 and RF44 series

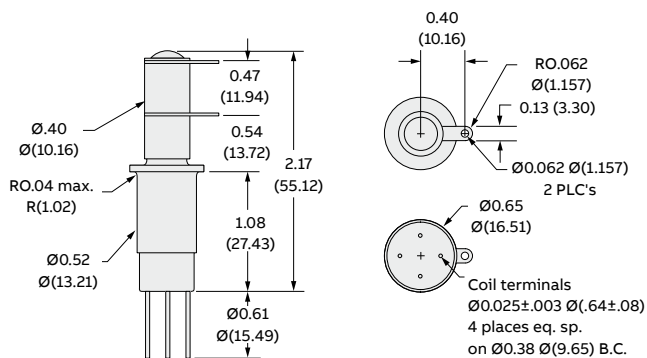
Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity — open to ground	Max. contact resistance	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance	Shock @ 1.1ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	msec	msec	(pF)	MΩ			Ω	G's	G's	Million	oz. (g)
RF44-26SA	6	3.6	3.6	3.2	2.5	12	10	6	5	4	4	1.6	0.012	16	16	80	50	30 @ 55– 1000 Hz	1	1 (28)
RF43-26SA	9	7	7	6	4	12	10	6	5	10	10	1.6	0.02	16	16	47	50	10 @ 55– 2000 Hz	1	1 (28)



RF44-26SA
Form: Latching



RF43-26SA
Form: Latching
Flange version available:
RF43D-26SA



Vacuum relays — SPST

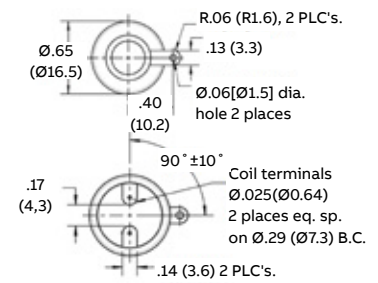
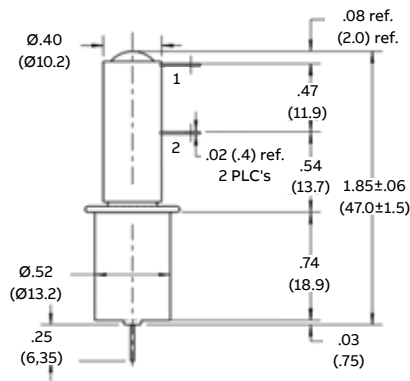
RF5A, RF6A and RF47 series

Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity – open to ground	Max. contact resistance	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	msec	msec	(pF)	MΩ			Ω	G`s		G`s	Million
RF5A-26SA	8	7.5	7.5	7	5	12	10	5	5	8	8	1.6	0.02	16	1–10	920	30	10 @ 55–2000 Hz	1	1 (28)
RF6A-26SA	8	7.5	7.5	7	5	12	10	5	2	8	8	1.6	0.02	16	1–10	920	30	10 @ 55–2000 Hz	1	1 (28)
RF47-26SA	6	6	5	3.6	2.5	35	21	12	9	4	4	1.6	0.01	16	16	80	50	30 @ 55–1000 Hz	1	1 (28)

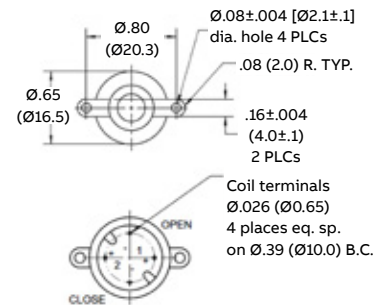
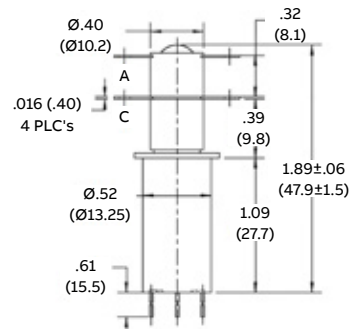


RF5A-26SA
Form: N/C

RF6A-26SA
Form: N/O
Flange version available:
RF6AD-26SA



RF47-26SA
Form: latching
Flange version available:
RF47D-26SA



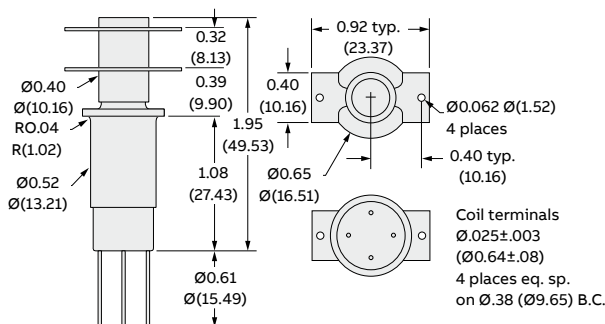
Vacuum relays — SPST

RF72, RF80 and RF88 series

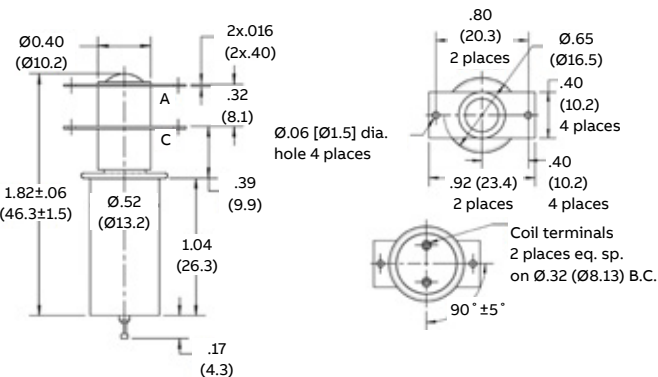
Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time msec	Release time msec	Contact capacity – open to ground (pF)	Max. contact resistance MΩ	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance Ω	Shock @ 11ms-½ sine G's	Vibration peak G's	Mechanical life Million	Weight oz. (g)
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz											
RF72-26SA	6	6	5	3.6	2.5	30	18	11	8	2.5	2.5	1.6	0.02	1-10	16	80	50	30 @ 55-1000 Hz	1	1 (28)
RF72-N1105A	6	6	5	3.6	2.5	30	18	11	8	1.5	1.5	1.6	0.008	4-12	6-17	80	50	30 @ 55-1000 Hz	1	1 (28)
RF72-N1107A	6	6	5	3.6	2.5	30	18	11	8	2.5	2.5	1.6	0.004	5-16	6-20	80	50	30 @ 55-1000 Hz	1	1 (28)
RF80-26SA	6	6	5	3.6	2.5	30	18	11	8	8	3	1.6	0.008	16	1-10	290	30	10 @ 55-2000 Hz	1	1 (28)
RF88-26SA	6	6	5	3.6	2.5	10	10	6	5	4	4	1.6	0.02	16	16	80	50	10 @ 55-2000 Hz	1	1 (28)



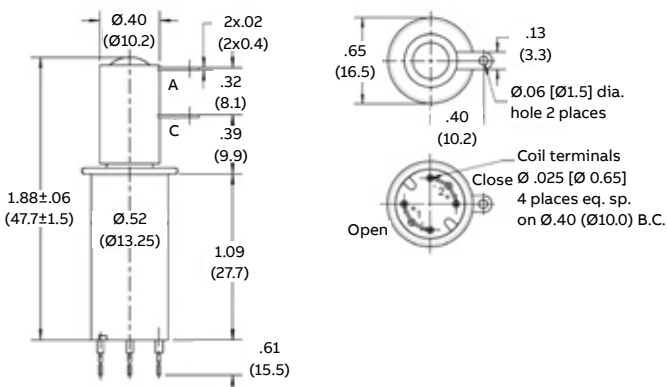
RF72-26SA, RF72-N1105A and RF72-N1107A
All three models —
Form: Latching



RF80-26SA
Form: N/O



RF88-26SA
Form: N/C



Vacuum relays — SPST

RF50, RF51, RF52, RF53 and RF73 series

Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity – open to ground	Max. contact resistance	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz											
RF50-26SA	12	10	7	6	4	12	10	6	5	15	15	1.5	0.02	16	1-10	290	30	10 @ 55-2000 Hz	0.5	1 (28)
RF51-26SA	12	10	7	6	4	12	10	6	5	15	15	1.5	0.02	16	1.5-10	290	30	10 @ 55-2000 Hz	1	1 (28)
RF73-26SA	12	10	10	9	7	30	18	11	8	4	4	1.2	0.008	8-13	8-13	47	30	10 @ 55-2000 Hz	1	1 (28)
RF52-26SA	15	12	12	9	7	15	12	6	4	15	15	1.5	0.02	16	1-10	290	30	10 @ 55-2000 Hz	1	1 (28)
RF53-26SA	15	12	12	9	7	12	9.5	5	3	15	15	1.5	0.02	16	1-10	290	30	10 @ 55-2000 Hz	1	1 (28)



RF50-26SA

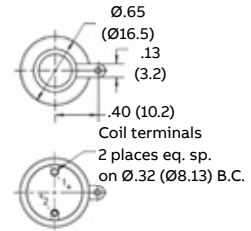
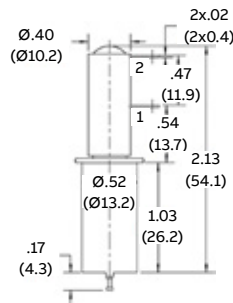
Form: N/C

Flange version available: RF50D-26SA

RF51-26SA

Form: N/O

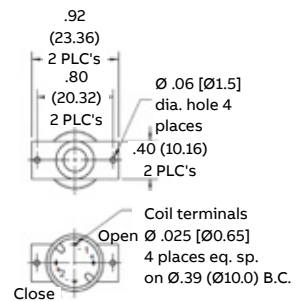
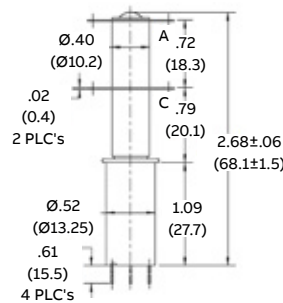
Flange version available: RF51D-26SA



RF73-26SA

Form: latching

Flange version available: Yes, please call to order



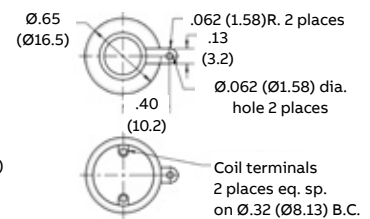
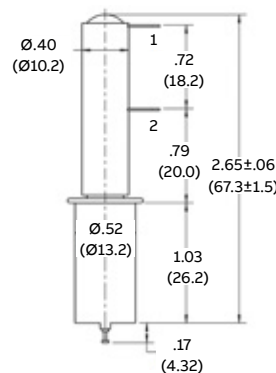
RF52-26SA

Form: N/C

Flange version available: RF52D-26SA

RF53-26SA

Form: N/O



Vacuum relays — SPST

RF69 and RJ8A series

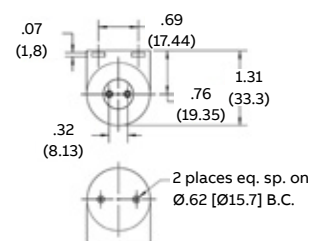
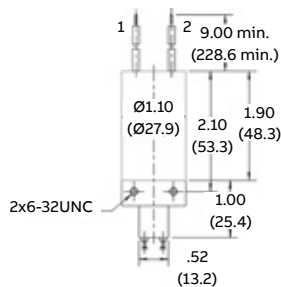
Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity – open to ground	Max. contact resistance	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	msec	msec	(pF)	MΩ			Ω	G's	G's	Million	oz. (g)
RF69-26SA	16	12	N/A	N/A	N/A	15	N/A	N/A	N/A	15	15	2.5	0.02	16	1–10	290	30	10 @ 55–2000 Hz	1	3 (85)
RJ8A-26SA	30	28	25	12	10	110	60	40	30	18	8	2.5	0.003	16	1–12	120	30	10 @ 55–450 Hz	2	12 (340)



RF69-26SA

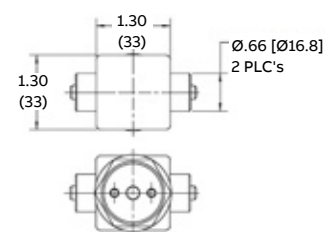
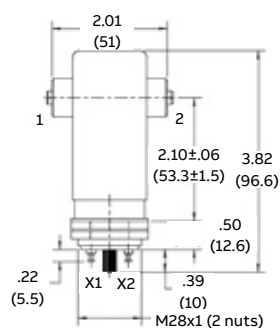
Form: N/C

Equipped with integral flange



RJ8A-26SA

Form: N/O



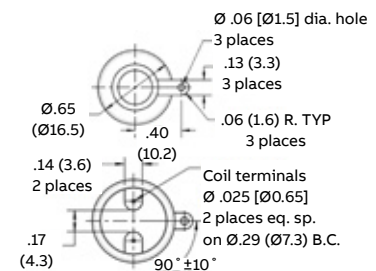
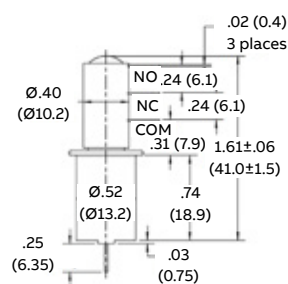
Vacuum relays — SPDT

RF1E, RF60 and RF61 series

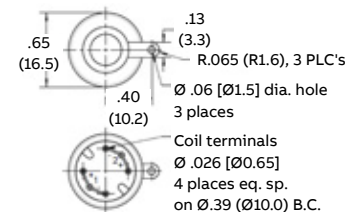
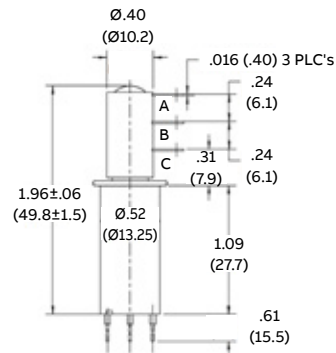
Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time msec	Release time msec	Contact capacity – open to ground (pF)	Max. contact resistance MΩ	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance Ω	Shock @ 11ms-½ sine G's	Vibration peak G's	Mechanical life Million	Weight oz. (g)
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz											
RF1E-26SA	4	2	2	2	2	8	6	4	2	10	10	2	0.03	16	1–10	920	30	10 @ 55–2000 Hz	1	1 (28)
RF60-26SA	4	3.6	3.6	3.2	2.5	12	10	6	5	10	10	1.6	0.02	5–13	7–16	47	50	10 @ 55–1000 Hz	1	1 (28)
RF61-26SA	4	3.6	3.6	3.2	2.5	10	10	6	5	10	10	1.6	0.02	16	1–10	290	50	10 @ 55–2000 Hz	0.5	1 (28)



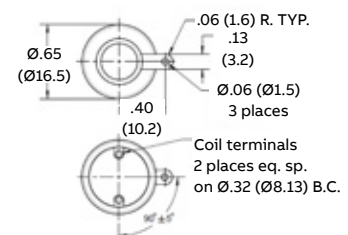
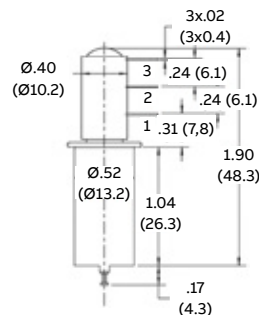
RF1E-26SA
Form: SPDT
Flange version available:
RF1D-26SA



RF60-26SA
Form: latching
Flange version available:
RF60D-26SA



RF61-26SA
Form: SPDT
Flange version available:
RF61D-26SA



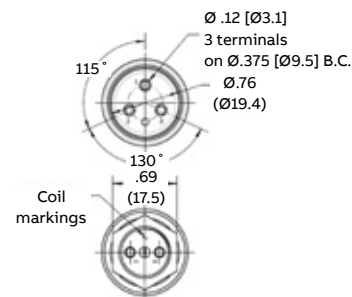
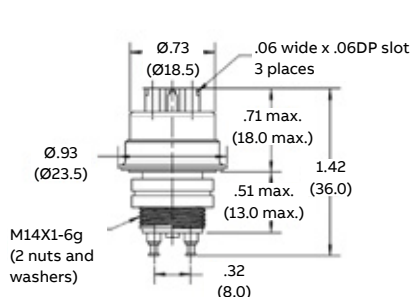
Vacuum relays — SPDT

RJ1A, RJ1H, RJ1C and RJ1D series

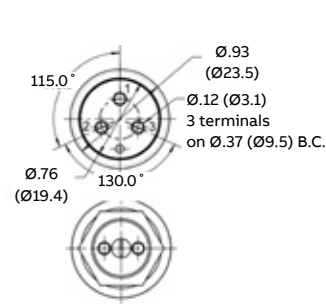
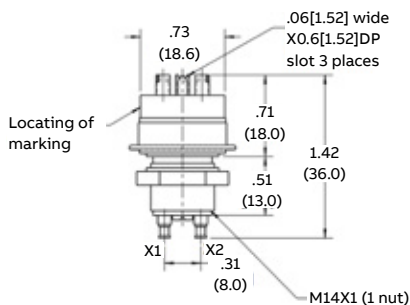
Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time msec	Release time msec	Contact capacity — open to ground (pF)	Max. contact resistance MΩ	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance Ω	Shock @ 11ms-½ sine G's	Vibration peak G's	Mechanical life Million	Weight oz. (g)
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz											
RJ1A-26SA	5	3.5	2.5	2	1.5	18	14	9	7	8	8	2.5	0.01	16	1-10	335	30	10 @ 10-2000 Hz	1	1 (28)
RJ1H-26SA	5	2.5	Hot	Break	N/A	3	Hot	Break	N/A	6	6	2.5	0.03	16	1-10	335	30	10 @ 10-2000 Hz	1	1 (28)
RJ1C-26SA	6	6	Hot	Break	N/A	18	Hot	Break	N/A	6	6	2.5	0.02	16	1-10	335	30	10 @ 10-2000 Hz	1	1 (28)
RJ1D-15SA	6	6	Hot	Break	N/A	18	Hot	Break	N/A	6	6	2.5	0.02	10	0.7-7	80	30	10 @ 10-2000 Hz	1	1 (28)



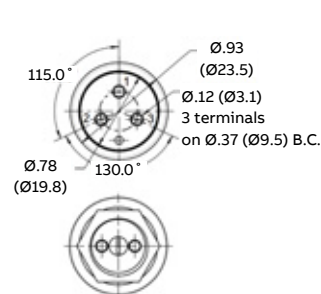
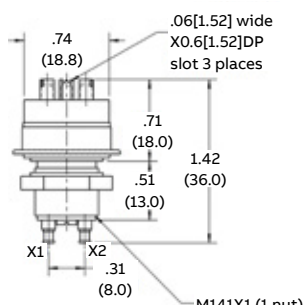
RJ1A-26SA
Form: SPDT



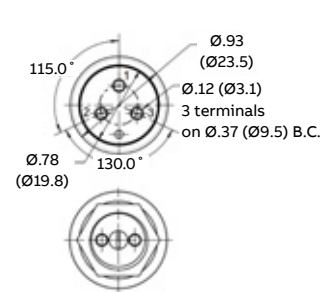
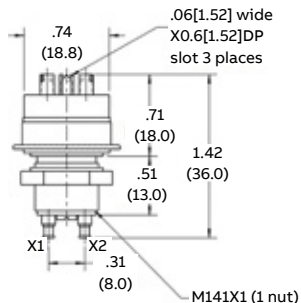
RJ1H-26SA
Form: SPDT



RJ1C-26SA
Form: SPDT



RJ1D-15SA
Form: SPDT



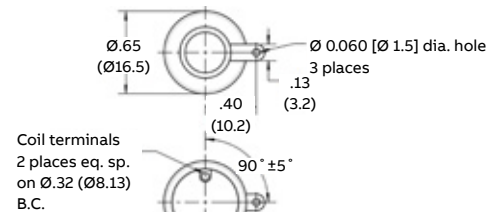
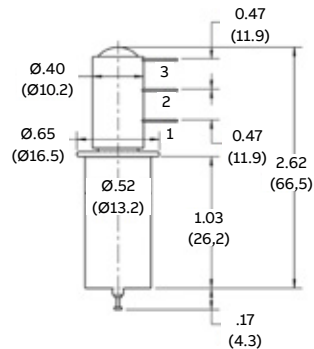
Vacuum relays — SPDT

RF62 and RF63 series

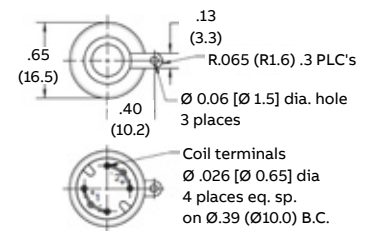
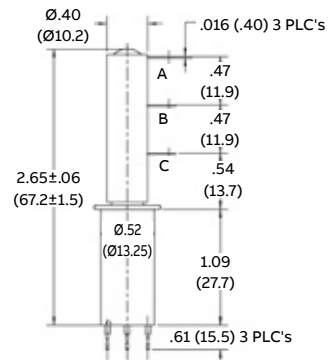
Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity – open to ground	Max. contact resistance	Pull-in voltage @ 25 °C VDC	Drop-out voltage @ 25 °C VDC	Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	msec	msec	(pF)	MΩ			Ω	G's	G's	Million	oz. (g)
RF62-26SA	9	7	7	6	4	10	10	6	5	10	10	1.6	0.02	16	1–10	290	50	10 @ 55–2000 Hz	1	1 (28)
RF63-26SA	9	7	7	6	4	10	10	6	5	10	10	1.6	0.02	16	16	47	50	10 @ 55–2000 Hz	1	1 (28)



RF62-26SA
Form: SPDT
Flange version available:
RF62D-26SA



RF63-26SA
Form: latching
Flange version available:
RF63D-26SA



Vacuum relays — SPDT

RJ2B and RJ6B series

Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity – open to ground	Max. contact resistance	Pull-in voltage @ 25 C VDC		Drop-out voltage @ 25 C VDC		Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	msec	msec	(pF)	MΩ	Ω	G `s	G `s	Million	oz. (g)				
RJ2B-26SA	15	12	10	8	6	50	30	17	10	18	9	1	0.012	16	1-10	270	30	10 @ 55-500 Hz	1	3 (85)		
RJ6B-26SA	15	12	10	8	6	30	18	10	6	18	9	1	0.025	16	1-10	270	30	10 @ 55-500 Hz	1	3 (85)		
RJ6B-26D3136A	15	12	10	8	6	30	18	10	6	18	9	1.5	0.025	16	1-10	270	30	10 @ 55-500 Hz	1	3 (85)		



RJ2B-26SA

Form: SPDT

Flange version available:

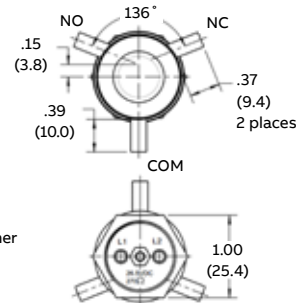
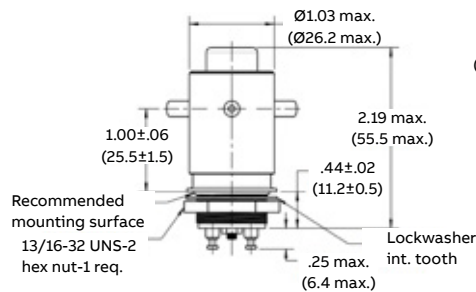
RJ2C-26SA

RJ6B-26SA

Form: SPDT

Flange version available:

RJ6C-26SA

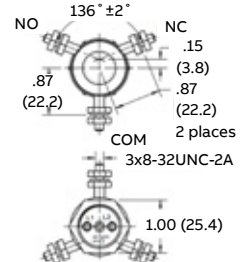
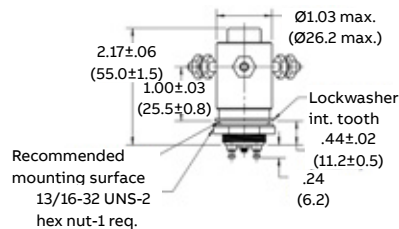


RJ6B-26D3136A

Form: SPDT

Flange version available:

RJ6C-26D3136A



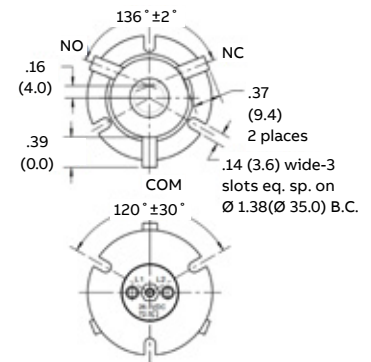
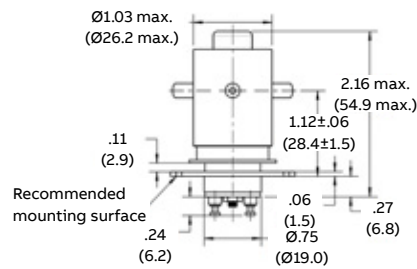
Vacuum relays — SPDT

RJ4C and RF10B series

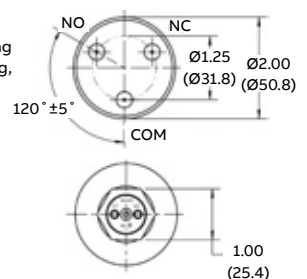
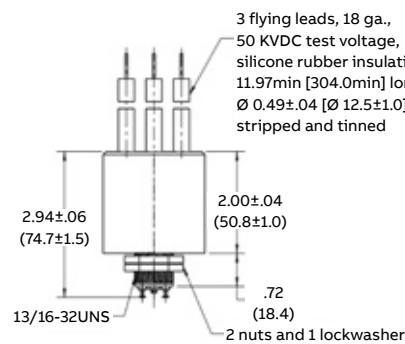
Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity — open to ground	Max. contact resistance	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	msec	msec	(pF)	MΩ			Ω	G's	G's	Million	oz. (g)
RJ4C-26SA	18	15	12	10	7	30	18	10	6	18	9	1	0.025	14	1-10	270	30	10 @ 55- 500 Hz	1	3 (85)
RF10B-26SA	20	15	13	10	8	75	22	15	12	30	10	3.5	0.012	16	1-10	225	30	5 @ 55- 500 Hz	0.1	1 (28)



RJ4C-26SA
Form: SPDT
Equipped with integral flange



RF10B-26SA
Form: SPDT
Equipped with integral flange



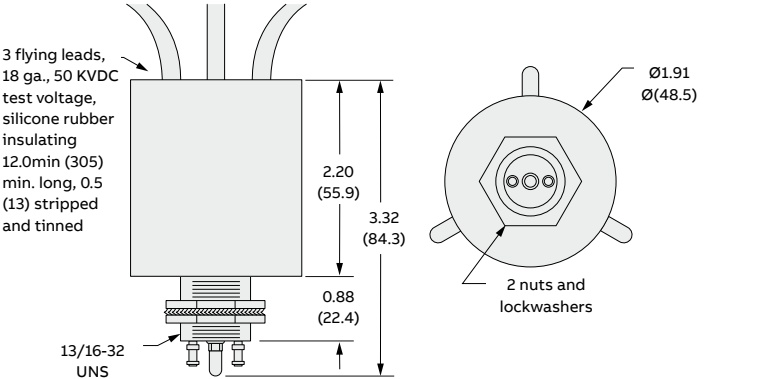
Vacuum relays — SPDT and gas-filled relays

RJ5B (vacuum) and RGH5 (gas-filled) series

Cat. no	Test voltage (kV peak) 60 Hz	Rated operating voltages (kV)				Continuous current carry (A, RMS)				Operate time	Release time	Contact capacity – open to ground	Max. contact resistance	Pull-in voltage @ 25 C VDC	Drop-out voltage @ 25 C VDC	Coil resistance	Shock @ 11ms-½ sine	Vibration peak	Mechanical life	Weight
		DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	DC or 60 Hz	2.5 MHz	16 MHz	32 MHz	msec	msec	(pF)	MΩ			Ω	G's	G's	Million	oz. (g)
RJ5B-26SA	30	25	N/A	N/A	N/A	10	N/A	N/A	N/A	20	15	6	1	18	1-10	167	20	10 @ 55-500	1	12 (340)
RGH5-26SA	50	40	N/A	N/A	N/A	10	N/A	N/A	N/A	20	15	6	1	18	1-10	167	20	10 @ 55-500	1	12 (340)



RJ5B-26SA
Form: SPDT



RGH5-26SA
Form: SPDT

