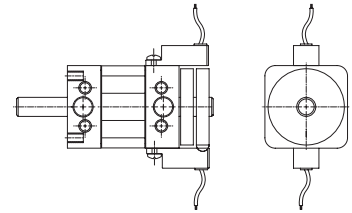


Options- Disk Switch Systems

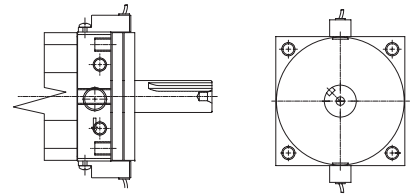
Turn-Act Rotary Vane Actuators are available with the DISK Switch System. It is designed for use with double end actuators or when the available space will not permit the use of other switch options. The Disk Switch System includes a shaft extension to accommodate a shaft-mounted magnet disk. The switches are mounted in dovetail grooves located to sense the disk-mounted magnet (Actuator shown with thrust protection option).



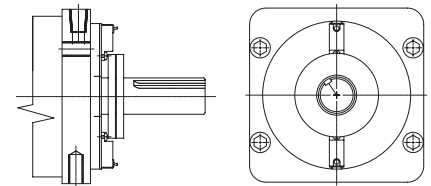
COMP-ACT (CA) DISK SWITCHES



COMP-ACT DISK SWITCH



TURN-ACT (TA) DISK SWITCH



BRUTE (BR) DISK SWITCH

Typical Disk Switch configurations: Consult factory for precise dimensions.

DISK SWITCH (CAP END)							
Includes 2 Each <u>Rear Mounted Magnet Disks</u> and <u>Dove-Tail Grooves</u> on the Cap Ends to Accept Switches							
Option #*	Switch Type	Function	Lead Type	Switching Voltage	Switching Current	Switching Power	Max. Voltage Drop
Consult Factory	Switch Ready No Switches						
Consult Factory	PNP/Sourcing	Normally Open Output	22 gauge	6-24 VDC Max	0.5 Amp	N/A	0.5 Volts
Consult Factory	NPN/Sinking	Normally Open Output	22 gauge	6-24 VDC Max	0.5 Amp	N/A	0.5 Volts
Consult Factory	AC/DC Reed	SPST Normally Open	22 gauge	5-120 VDC/VAC 50/60 Hz	0.5 Amp Max 0.005 Amp min.	10 watts Max	3.5 Volts
Consult Factory	PNP/Sourcing	Normally Open Output	8mm Type - B QD	6-24VDC	0.5 Amp Max	N/A	0.5 Volts
Consult Factory	NPN/Sinking	Normally Open Output	8mm Type - B QD	6-24VDC	0.5 Amp Max	N/A	0.5 Volts
Consult Factory	AC/DC Reed	SPST Normally Open	8mm Type - B QD	5-120 VDC/VAC 50/60 Hz	0.5 Amp Max 0.005 Amp min.	10 watts Max	3.5 Volts

*See Page 29 for wiring diagrams.

Options- Disk Switch Systems

DISK SWITCHES (1 SWITCH EACH END)							
Includes 1 Each <u>Front</u> and 1 Each <u>Rear</u> Mounted Magnet Disks and Dove-Tail Grooves on the Rod and Cap Ends to Accept Switches							
Option #*	Switch Type	Function	Lead Type	Switching Voltage	Switching Current	Switching Power	Max. Voltage Drop
Consult Factory	Switch Ready No Switches						
Consult Factory	PNP/Sourcing	Normally Open Output	22 gauge	6-24 VDC Max	0.5 Amp	N/A	0.5 Volts
Consult Factory	NPN/Sinking	Normally Open Output	22 gauge	6-24 VDC Max	0.5 Amp	N/A	0.5 Volts
Consult Factory	AC/DC Reed	SPST Normally Open	22 gauge	5-120 VDC/VAC 50/60 Hz	0.5 Amp Max 0.005 Amp min.	10 watts Max	3.5 Volts
Consult Factory	PNP/Sourcing	Normally Open Output	8mm Type - B QD	6-24VDC	0.5 Amp Max	N/A	0.5 Volts
Consult Factory	NPN/Sinking	Normally Open Output	8mm Type - B QD	6-24VDC	0.5 Amp Max	N/A	0.5 Volts
Consult Factory	AC/DC Reed	SPST Normally Open	8mm Type - B QD	5-120 VDC/VAC 50/60 Hz	0.5 Amp Max 0.005 Amp min.	10 watts Max	3.5 Volts

*See Page 29 for wiring diagrams.

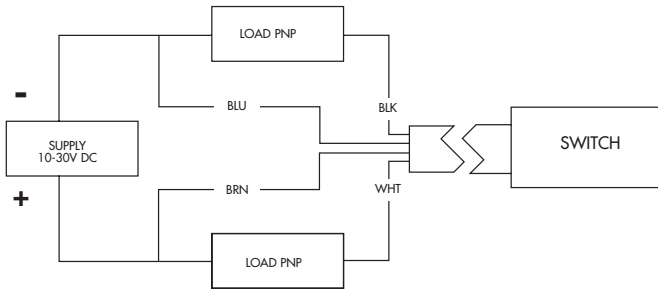
DISK SWITCH (ROD END)							
Includes 2 Each <u>Rod End</u> Mounted Magnet Disks and Dove-Tail Grooves on the Rod End to Accept Switches							
Option #*	Switch Type	Function	Lead Type	Switching Voltage	Switching Current	Switching Power	Max. Voltage Drop
Consult Factory	Switch Ready No Switches						
Consult Factory	PNP/Sourcing	Normally Open Output	22 gauge	6-24 VDC Max	0.5 Amp	N/A	0.5 Volts
Consult Factory	NPN/Sinking	Normally Open Output	22 gauge	6-24 VDC Max	0.5 Amp	N/A	0.5 Volts
Consult Factory	AC/DC Reed	SPST Normally Open	22 gauge	5-120 VDC.VAC 50/60 Hz	0.5 Amp Max 0.005 Amp min.	10 watts Max	3.5 Volts
Consult Factory	PNP/Sourcing	Normally Open Output	8mm Type - B QD	6-24VDC	0.5 Amp Max	N/A	0.5 Volts
Consult Factory	NPN/Sinking	Normally Open Output	8mm Type - B QD	6-24VDC	0.5 Amp Max	N/A	0.5 Volts
Consult Factory	AC/DC Reed	SPST Normally Open	8mm Type - B QD	5-120 VDC.VAC 50/60 Hz	0.5 Amp Max 0.005 Amp min.	10 watts Max	3.5 Volts

*See Page 29 for wiring diagrams.

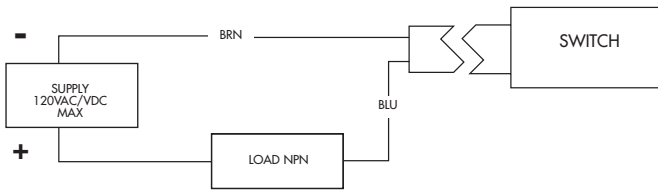
Options- Switches: Wiring Diagrams

WIRE LEADS

NPN/PNP Switch with LED



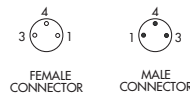
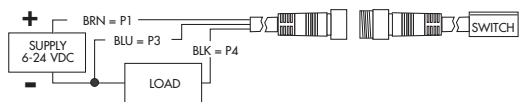
AC/DC Reed Switch MOV* with LED



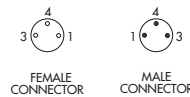
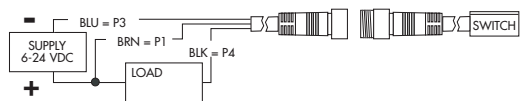
NOTE: Power supply polarity need not be observed in AC applications.

QUICK DISCONNECT TYPE - B

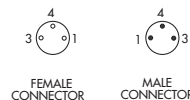
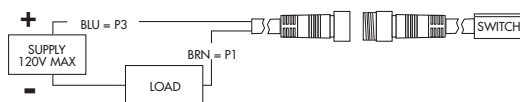
PNP Sourcing Switch with LED and Type - B Quick Disconnect



NPN Sinking Switch with LED and Type - B Quick Disconnect



AC/DC Reed Switch MOV* with LED and Type - B Quick Disconnect



NOTE: Power supply polarity need not be observed in AC applications.
Metal oxide varistor surge suppression.

LEAD LENGTHS

Wire Leads - 9"
Quick Disconnect:
Pigtail - 6"
Cordset - 15'

CAUTION: TO AVOID PERMANENT DAMAGE TO SWITCHES

- 1 Do not exceed rated voltage
- 2 Observe power supply polarity
- 3 Do not operate without a load
- 4 Do not short circuit the load
- 5 Consult factory if lead length will exceed 20 ft.

ROTATIONAL LIMITS

Any rotational limits (including Adjustable Stroke Control settings) must be made prior to adjusting switches. Changes in rotation will require the switches to be re-adjusted.

ALLEN-BRADLEY PLC's

With I/O module #1791 require reed switches with internal current limiting protection. This feature is now standard.