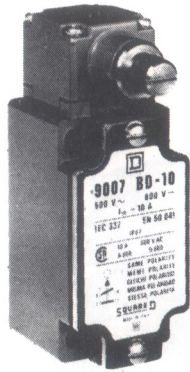




## Turret Head Position Switches To Cenelec EN 50041 Ingress Protection IP67 IEC 529

### Lever, Plunger and Cat Whisker Types



	Lever Type (without arm)* Spring Return	Lever Type (with arm) Spring Return	Top Plunger Spring Return	Top Roller Plunger Spring Return	Side Plunger Spring Return	Side Roller Plunger Spring Return	Cat Whisker Spring Return
Contact Arrangement	Order Class 9007 Type...	Order Class 9007 Type...	Order Class 9007 Type...	Order Class 9007 Type...	Order Class 9007 Type...	Order Class 9007 Type...	Order Class 9007 Type...
1NO+1NC ▲	BD-10●	-	BD-20●	BD-30●	BD-40●	BD-50●	BD-60●
2NO+2NC ■	BD-12	-	BD-22	BD-32	BD-42	BD-52	BD-62
1NO+1NC Positive opening †	-	BD-13L (with arm)	BD-23	BD-33	BD-43	BD-53	-

### Operating Characteristics and Technical Data

Pre-Travel	23°	26°	1.6 mm	1.6 mm	1.6 mm	1.6 mm	20'
Total Travel	80°	80°	5.3 mm	5.3 mm	5.6 mm	5.6 mm	90°
Differential	1NO+1NC/2NO+2NC	7°	-	0.7 mm	0.7 mm	0.7 mm	10°
	1NO+1NC Positive opening	-	12°	0.9 mm	0.9 mm	0.9 mm	-
Operating Torque	1NO+1NC/2NO+2NC	2.2 kg cm	-	1.2 kg	1.2 kg	1.8 kg	1.8 kg
	1NO+1NC Positive opening	-	3 kg cm	1.7 kg	1.7 kg	2.2 kg	2.2 kg
Repeat Accuracy		±0.05 mm	±0.05 mm	±0.025 mm	±0.025 mm	±0.025 mm	±0.025 mm
Enclosure	Oil-Tight, Water-Tight, Dust-Tight and Drip-Tight NEMA Types 2, 6P & 13						

● Available with form M11 for 20 mm conduit entry. Eg: Order as Class 9007 Type BD-10 form M11. All other types have Pg 13.5 conduit entry

\* Lever arms for Types BD-10 and BD-12. May be selected from Pages 4c7 and 4c8

▲ Contacts are single pole, double throw – one circuit normally open and one circuit normally closed. These circuits cannot be used on opposite polarities.

■ Each pole is electrically separate from the other and can be used on opposite polarities. The contacts of each pole are single pole, double throw – these circuits cannot be used on opposite polarities.

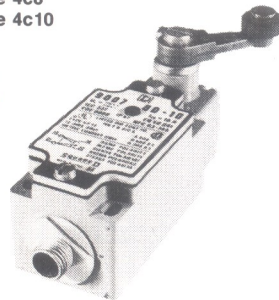
† Contacts are single pole, double throw – one circuit normally open and one circuit normally closed. These circuits can be used on opposite polarities.

Lever arms.....Pages 4c7 & 4c8

Accessories.....Page 4c8

Dimensions.....Page 4c10

Now available fitted with  
Brad Harrison Connector  
and L.E.D. (see page 4c8)



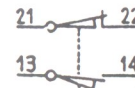
### Contact Ratings to IEC 337-1

Ui=500V AC: 600V DC Ith=10A

Volts	AC-11		DC-11	
	one contact used	both contacts used	one contact used	both contacts used
24	6A	3A	1.5A	
110-120	6A	0.55A	0.22A	
220-240	3A	0.27A	0.11A	
380	1.9A	0.17A	-	
415	1.7A	0.16A	-	

### Contact Arrangement

(Positive opening version Shown)



Ordering Instructions  
State... Class and Type

Eg: Class 9007 Type BD-20