

## Universal Limit Switches Ingress Protection IP66 (IEC144)

Lever Types Oil-Tight, Dust-Tight, Water Tight and Drip Tight Enclosure. NEMA Types 2, 4 and 13

### Universal Type Switch Adjustable to 11 Different Operating Sequences



Operating sequence Number 1 and Diagram*	Lever Arm Movement (viewed facing cover)	Contact Operation Diagram						Order ● Class 9007 Type ...
		Lever Arm in Initial Position		Intermediate Position		Final Position		
		Circuit A	Circuit B	Circuit A	Circuit B	Circuit A	Circuit B	
1	Clockwise	○	○	○	○	○	○	TUA 1 TUC 1 TUB 1 TUD 1
2	Clockwise	○	○	○	○	○	○	TUA 2 TUC 2 TUB 2 TUD 2
3	Clockwise	○	○	○	○	○	○	TUA 3 TUC 3 TUB 3 TUD 3
4	Counter-Clockwise	○	○	○	○	○	○	TUA 4 TUC 4 TUB 4 TUD 4
5	Clockwise	○	○	○	○	○	○	TUA 5 TUC 5 TUB 5 TUD 5
6	Counter-Clockwise	○	○	○	○	○	○	TUA 6 TUC 6 TUB 6 TUD 6
7	Clockwise	○	○	○	○	○	○	TUA 7 TUC 7 TUB 7 TUD 7
8	Counter-Clockwise	○	○	○	○	○	○	TUA 8 TUC 8 TUB 8 TUD 8
9	Clockwise	○	○	○	○	○	○	TUA 9 TUC 9 TUB 9 TUD 9
10	Counter-Clockwise	○	○	○	○	○	○	TUA 10 TUC 10 TUB 10 TUD 10
11	Clockwise	○	○	○	○	○	○	TUA 11 TUC 11 TUB 11 TUD 11

### Universal Type Switch, Non Adjustable, Maintained Contact

12	Clockwise	○	○	○	○	○	○	TUA 12 TUC 12 TUB 12 TUD 12
	Counter-Clockwise	○	○	○	○	○	○	

### Standard Type Switch Adjustable to 3 Different Operating Sequences

1	Clockwise or Counter-Clockwise	○	○	○	○	○	○	TSA 1 TSC 1 TSB 1 TSD 1
		○	○	○	○	○	○	
2	Clockwise or Counter-Clockwise	○	○	○	○	○	○	TSA 2 TSC 2 TSB 2 TSD 2
		○	○	○	○	○	○	
3	Clockwise or Counter-Clockwise	○	○	○	○	○	○	TSA 3 TSC 3 TSB 3 TSD 3
		○	○	○	○	○	○	

Lever arms .....Page 2c4  
 Technical data .....Page 2c5  
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 Dimensions .....Pages 2c6-2c7

\* \_\_\_\_\_ Maintained (Normal) Position A-"A" Contact Closed B-"B" Contact Closed O-Both Contacts Open  
 -----Spring Return (Tripped) Position

- Third letter in Type indicates baseplate style. Select as required, see Page 2b6 for further details.
- ± If high speed cam or snap-back present, use maintained contact switch-Sequence No. 12
- ≠ These operating sequences have slow make, slow break, contact action.
- ▲ Arm has spring return to initial position. Cam design must prevent fly-back action of operating arm. Contact position is maintained until arm is operated in reverse direction.
- Cam design must prevent fly-back action of operating arm.

**Ordering Instructions**  
 State... **Class** and **Type**  
 Eg: Class **9007** Type **TUB-4**  
 Order lever arm from Page 2c4

**Note:** Preferred items shown in bold print.  
 □ When fitted with suitable cable gland or adequately sealed conduit.