

TRAINCREW OPERATION CONTROLS

300 SERIES SWITCH ACTUATORS

The 300 series switch actuators are designed in both non latching and latching types to prevent resetting without the use of a separate key. These are designed to be used with Mini Rotary and R6/ R16 rotary panel switches and offer options for operations by knob, driver's key or combination key. They are robust to meet the stringent requirements of the Rail Industry.

TYPES

- 331 / 332 knob operated with visual indication of switch position (aluminium barrel)
 - 301 / 302 drivers key operated with visual indication of switch position (aluminium barrel)
 - 303 combination key switch (B key end) with visual indication of switch position (anodised aluminium barrel)
 - 304 combination key switch (A & C key end) with visual indication of switch position (stainless steel barrel)
- *1 When the rotary switch is fitted to the actuator, up to 20 normally open or normally closed contacts or other combinations (10 switch bases) to meet customer applications can be configured, this will also vary the length of the switch.
- Normally Closed *NC
 - Normally Open *NO
 - Normally Closed and Normally Open *NC-*NO




PART NUMBER CONFIGURATION

There are many standard switch sequences available and almost any switching configuration can be accommodated by contacting the Internal Sales team. Switches can be supplied with Gold plated contact for low current applications. Add the number of contacts to the part number to create your switch sequence.

E.g. 331KK3-4NO-4NC | 302DK1-2NO | 304DK1-3NC

COMPLIANCE

- EN61373 Compliant (with Rotary switch fitted)
- EN60947-3 Compliant (with Rotary switch fitted)

	Cat. No.	Description	Latch Type	Panel Fixing
	331KK3- ^{*1}	Non-latching knob operation 2 position switch in a satin chrome finish with a black indication line.	Non-latching	Ø30.5 single hole
	331KK4- ^{*1}	Non-latching knob operation 2 position switch supplied in a matt black anodised finish with a white indication line. (Image shown as satin chrome finish).	Non-latching	Ø30.5 single hole
	332KK3- ^{*1}	Latching knob operation 2 position switch supplied in a satin chrome finish with a black indication line. Resetting is only possible by using the high security key actuator which is inserted from the front of panel.	Latching in operated position	Ø30.5 single hole
	332KK4- ^{*1}	Latching knob operation 2 position switch supplied in a matt black anodised finish with a white indication line. Resetting is only possible by using the high security key actuator which is inserted from the front of panel. (Image shown as satin chrome finish).	Latching in operated position	Ø30.5 single hole
	301DK1- ^{*1}	Non-latching drivers key operation 2 position switch actuator supplied in a satin chrome finish with a black indication line.	Non-latching	Ø30.5 single hole
	301DK2- ^{*1}	Non-latching drivers key operation switch actuator supplied in a matt black anodised finish with a white indication line. (Image shown as satin chrome finish).	Non-latching	Ø30.5 single hole

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	Cat. No.	Description	Latch Type	Panel Fixing
	302DK1-*1	Latching drivers key operation switch actuator supplied in a satin chrome finish with a black indication line. Resetting is only possible by using the high security key actuator which is inserted from the front of panel.	Latching in operated position	Ø30.5 single hole
	302DK2-*1	Latching drivers key operation switch supplied in a matt black anodised finish with a white indication line. Resetting is only possible by using the high security key actuator which is inserted from the front of panel. (Image shown as satin chrome finish).	Latching in operated position	Ø30.5 single hole
	303DK1-*1	Combination key operated non-latching switch supplied in stainless steel. This switch is operated by the B end of the combination key.	Non-latching	Ø30.5 single hole
	304DK1-*1/SR	Combination key operated spring return switch supplied in stainless steel. This switch is operated by the Gated key 'A end' of the combination key.	Spring Return	Ø30.5 single hole
	304DK1-*1	Combination key operated stay-put switch supplied in stainless steel. This switch is operated by the Gated key 'A end' of the combination key.	Stay-Put	Ø30.5 single hole
	304DK2-*1/SR	Combination key operated spring return switch supplied in stainless steel. This switch is operated by the Carriage key 'C end' of the combination key.	Spring Return	Ø30.5 single hole
	304DK2-*1	Combination key operated stay-put switch supplied in stainless steel. This switch is operated by the Carriage key 'C end' of the combination key.	Stay-Put	Ø30.5 single hole

Combination Key Ends



A End



B End

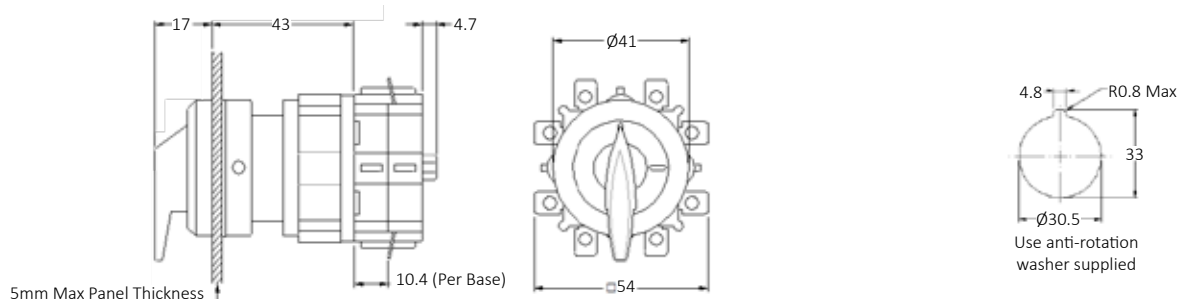


C End

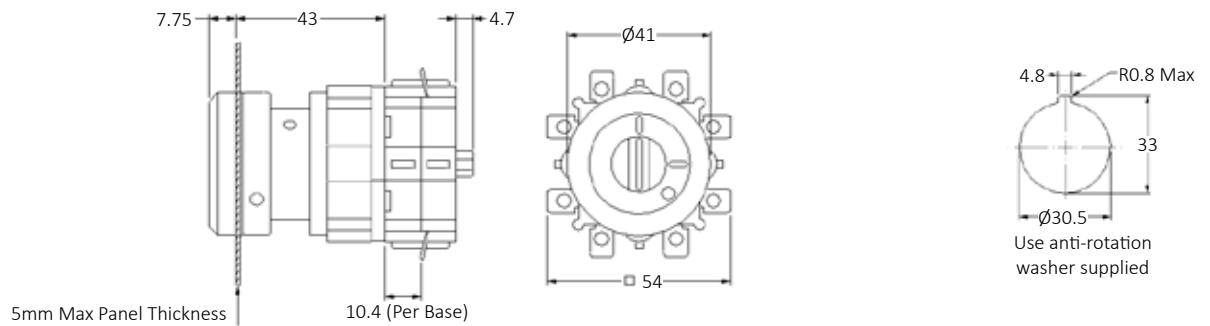
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300 SERIES SWITCH ACTUATORS DIMENSIONS

331KK / 331KK DRIVERS KEY SWITCH

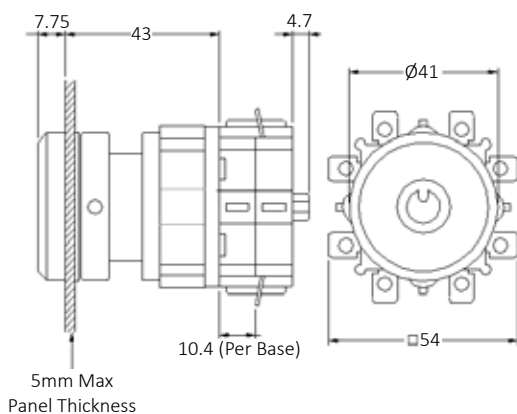


301DK / 302DK DRIVERS KEY SWITCH



303DK / 304DK DRIVERS KEY SWITCH

20A Mini-Rotary Switch



R6 / R16 Rotary Switch

