



# Product Change Notification

## PCN20-17-Rotary Switch A Series Load Ratings

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**C&K**

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## Document revision

Revision	Date	Description	Author
A	06 November 2020	Rotary Switch A Series Load Ratings	Tanios BouRamia

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1. Purpose

This notification is to announce clarification of the load ratings for A Series Rotary Switches.

2. Overview

This change clarifies the specific life cycle ratings by load in order to provide greater clarity to interested customers so that they can choose the correct contact material for their switching requirements.

3. Impact of Change

3.1 Former Datasheet Specification:

ELECTRICAL LIFE: 15,000 make-and-break cycles at full load up to 300,000 detent operations.

Updated Datasheet Specification:

ELECTRICAL LIFE: Up to 15,000 make-and-break cycles at full load up to 300,000 detent operations

3.2 Former Contact & Terminal Material Table of Options & Ratings

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATING	
Q	SILVER <sup>2</sup>	POWER	SWITCH-2.5 AMPS @ 125 V AC; 350 mA @ 125V DC (UL/CSA). CARRY-5 AMPS CONTINUOUS.
B	GOLD <sup>1</sup>	LOW LEVEL/DRY CIRCUIT	0.4 VA MAX. @ 20 V AC or DC MAX
G	GOLD OVER SILVER <sup>3</sup>	LOW LEVEL/DRY CIRCUIT OR POWER	0.4 VA MAX. @ 20 V AC or DC MAX. or SWITCH-2.5 AMPS @ 125 V AC; 350 mA @ 125 V DC (UL/CSA). CARRY-5 AMPS CONTINUOUS.

Updated Contact & Terminal Material Table of Options & Ratings:

Option Code	Contact & Terminal Material	Typical Usage	Rating	Cycles
Q	SILVER <sup>2</sup>	POWER	SWITCH – 2.5 AMPS @ 125 VAC UL/CSA) CARRY – 5 AMPS CONTINOUS	6,000
			SWITCH – 350 mA @ 125 VDC (UL/CSA) CARRY – 5 AMPS CONTINOUS	15,000
B	GOLD <sup>1</sup>	LOW LEVEL/DRY CIRCUIT	0.4 VA MAX. @ 20 V AC OR DC MAX	15,000
G	GOLD OVER SILVER <sup>3</sup>	LOW LEVEL/DRY CIRCUIT OR POWER	0.4 VA MAX. @ 20 V AC OR DC MAX	15,000
			SWITCH – 350 mA @ 125 VDC (UL/CSA) CARRY – 5 AMPS CONTINOUS	15,000
			SWITCH – 2.5 A @ 125 VAC (UL/CSA) CARRY – 5 AMPS CONTINOUS	6,000

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**4. Part Numbers Affected**

All A Series part numbers with “Q” (silver) or “G” (gold over silver) contact material.

**5. Date of application**

- Last time buy: Not applicable
- Implementation Date: Immediate
- This PCN is for information purposes for those who are presently buying this part number. It will be effective starting from 6 November 2020.

**6. Conditions of Application**

- Ordering: Not affected
- Pricing: Not affected
- Stock: Not affected

**7. Support**

Please feel free to reach out to your C&K Sales Representative with any questions you might have.

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