

# STANDEX ELECTRONICS RELEASES NEW RUTHENIUM SWITCHES

## KOFU REED SWITCH PRODUCT LINE EXPANDED TO RUTHENIUM SWITCHES

- ✓ KOFU is Standex Electronics largest reed switch producer
- ✓ New Ruthenium reed switch blades are plated with Ruthenium opposed to Rhodium or Iridium
- ✓ Ruthenium, like Rhodium and Iridium, is part of the platinum group on the periodic table
- ✓ ORD611 and ORD624 are designed with similar parameters as highly produced Rhodium switches ORD211, ORD228VL, and Iridium switch ORD324
- ✓ Designed to compete in current Ruthenium switch market



44	45
<b>Ru</b>	<b>Rh</b>
Ruthenium	Rhodium
101.1	102.9
77	
<b>Ir</b>	
Iridium	
192.2	



## FEATURES

- › Hermetically sealed
- › Millions of reliable operations
- › Minimal space required
- › Corrosion resistant
- › Cost effective solution
- › Contactless

## APPLICATIONS

- › Automotive Electronic Devices
- › Control equipment
- › Communication equipment
- › Measurement equipment
- › Household appliances

## EXPANDING TO RUTHENIUM PRODUCTION

Standex Electronics, the worlds largest reed switch manufacturer, has expanded their Kofu brand of reed switches by adding Ruthenium plated switches. With demand being high, Kofu has diversified their reed switch plating capabilities and expand their reed switch portfolio to include Ruthenium versions of the ORD 211 and ORD 324. Rhodium and Iridium switch production utilizes electroplating, a wet process, while Ruthenium switch production involves sputtering, a dry plating process. SEJ invested in sputtering machinery to developed their first Ruthenium switches, the ORD 611 and ORD 624. With the ORD 611 and ORD 624 switches fully developed and available for sale, Standex offers a wide variety of options to customers for their reed switch needs.

## ORD 611

Parameter	Rated Value	Unit
Pull-In Range	8~40	AT
Contact Rating	10	VA
Breakdown Voltage (min)	250	VDC
Switching Voltage (max)	200 DC/ 150 AC	V
Switching Current (max)	0.3	A
Carry Current (max)	0.5	A
Glass Diameter (max)	0.08 [2.0]	in [mm]
Glass Length (max)	0.39 [10.0]	in [mm]
Overall Length (max)	1.40 [35.7]	in [mm]



## ORD 624

Parameter	Rated Value	Unit
Pull-In Range	7~30	AT
Contact Rating	10	VA
Breakdown Voltage (min)	250 (PI ≥ 10) 200 (7 ≤ PI < 10)	VDC
Switching Voltage (max)	200 DC/ 150 AC	V
Switching Current (max)	0.5	A
Carry Current (max)	1.0	A
Glass Diameter (max)	0.09 [2.2]	in [mm]
Glass Length (max)	0.55 [14.0]	in [mm]
Overall Length (max)	1.75 [44.3]	in [mm]

