

# PBA series

## ATEX approved Piezo switches

Distinctive features - Specifications - Overview



- Approved according to the ATEX 94/9/CE directive
- Sealed to IP66 (mounted on panel)
- Easy to clean metal surface
- Long life
- Illuminated models

### ELECTRICAL SPECIFICATIONS

- Rated voltage : 5V to 24 VAC/DC max.
- Rated current : 200mA max. at 6VAC/DC  
50mA max. at 24VAC/DC
- Contact resistance (ON) : 10Ω max.
- Insulation resistance (OFF) : 5MΩ min.
- Make impulse time : depending on actuating force and speed
- Capacitance : 25pF
- LED : 20mA 5VDC

### MATERIALS

- Case : bright chrome plated brass or 316L stainless steel
- Terminals : multi-wire leads  
0,22 mm<sup>2</sup>, length 300 mm (11.81)

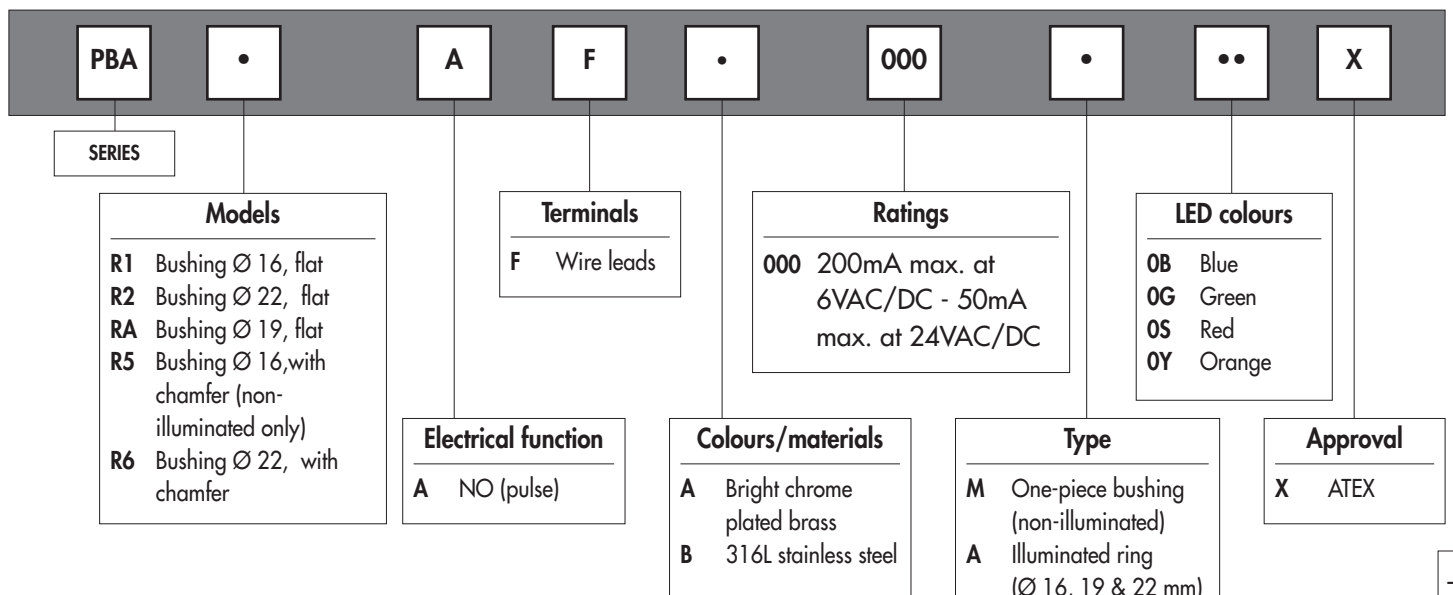
### GENERAL SPECIFICATIONS

- Operating force : 2 to 6N
- Torque : 2,5 Nm max.
- Life expectancy : 50 million cycles
- Operating temperature : -40°C to +55°C
- EMC compatibility according to EN 61058-1
- In accordance with IEC 60079-0, IEC 60079-11, IEC 61241-0 and IEC 61241-11
- Sealing : IP66 per IEC 529 (switches mounted on panel)

**Standard hardware supplied:** 1 hex nut U4116 (19 mm ac. flats) or U6440 (25 mm ac. flats), 1 O-Ring and 1 ground connector

### Packaging units :

- bushing Ø 16 : 40 pieces
- illuminated bushing Ø 16 : 20 pieces
- bushing Ø 19 : 20 pieces
- bushing Ø 22 : 20 pieces



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