

# DJET Ø10mm Toggle Switch

Recommended for outdoor applications, military and avionics equipment, telecommunications, medical equipment, power supplies.
The professional toggle and pushbutton switches are available in one or two pole version. The switches are IP 67 front sealed or IP 65 with fitted silicone cap.
Toggle and pushbuttons switches of the DJET series are available in two sizes and fit in to front panel mounting hole of 10 mm dia.

## MOUNTING

The switches are mounted by pushing them through the mounting hole in the front panel. They are fixed with a fixing nut.

❑ **Switching system**
Positive snap-action

## MATERIAL

❑ **Material of contact**
Gold contacts: Gold/gold plated brass contacts
Silver contacts: Solid silver/silver-plated contacts

## MECHANICAL CHARACTERISTICS

❑ **Front panel thickness**
Min. 1.2 mm

❑ **Terminals**
Gold contacts: Gold plated brass
Silver contacts: Silver plated brass

❑ **Tightening torque**
Rear nut 125 Ncm
Do not tighten by means of top nut!



## ELECTRICAL CHARACTERISTICS

❑ **Operating voltage/-current**
10 V, 50 mA minimum (silver contacts)
10 mV, 100 µA (gold contacts)

❑ **Isolation resistance**
>100 000 MΩ at 500 VDC

❑ **Contact resistance**
<10 mΩ

❑ **Electrical life**
100 000 operations

❑ **Switch rating**
Resistive circuit

| Voltage | 220 VAC | 110 VAC | 48 VDC | 24 VDC | 12 VDC |
|---|---|---|---|---|---|
| Current | 1.5 A | 2.5 A | 1 A | 2.25 A | 4.5 A |

❑ **Inductive circuit**
50 % of above values

❑ **Electric strength**
1000 Vrms, 50 Hz between terminals on the same pole
2000 Vrms, 50 Hz between all terminals connected together and ground
2000 Vrms, 50 Hz between terminals of adjacent poles

## ENVIRONMENTAL CONDITIONS

❑ **Storage temperature**
-40 °C ... +85 °C

❑ **Operating temperature**
-40 °C ... +85 °C

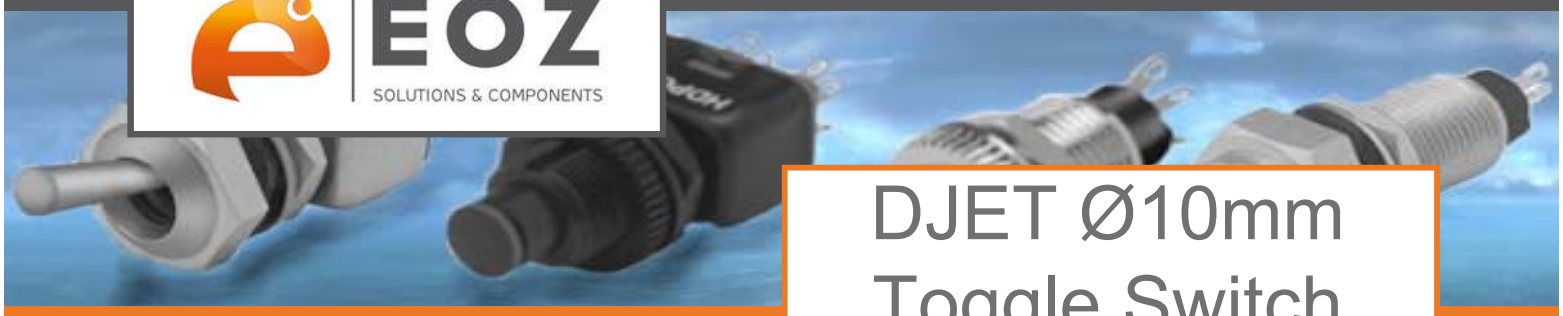
❑ **Protection degree**
IP 67 (sealed 10 mm dia. version only)
IP 65 with protective cap

❑ **Shock resistance**
100 g, as per IEC 60512-4

❑ **Resistance to vibrations**
10 g, 10 ... 2000 Hz, 10 cycles, as per IEC 60512-4

❑ **Damp heat**
56 days (Gold contact versions only)

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## STANDARD PART NUMBERS

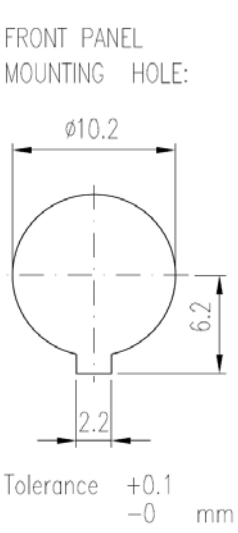




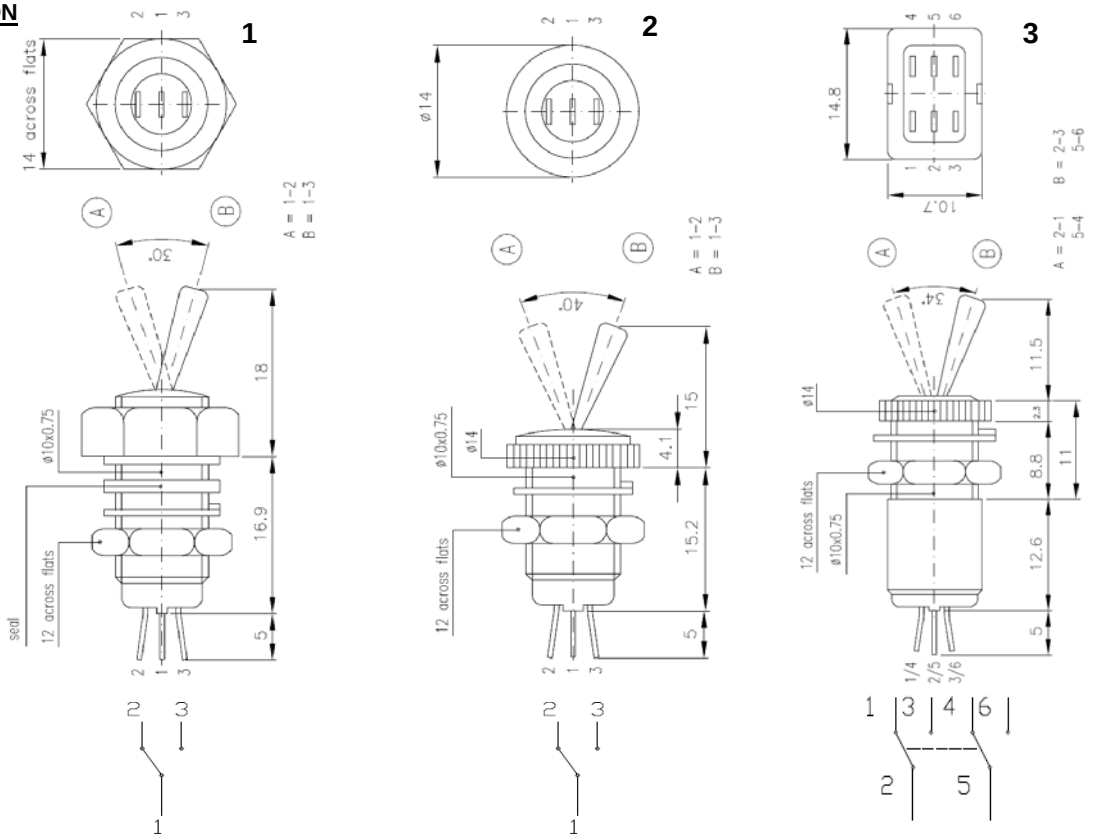
| | Front ring | Swiching action | Contact matérial | Contact | Typ-Nr | Drawing dimensions |
|---|---|---|---|---|---|---|
| Toggle switch Ø10 mm | Metal mat-black | MA-MA | Gold (Au) | 1 C | **11.17201.30** | 1 |
| | Metal Mat-chrome | MA / MA | Gold (Au) | 1 C | **11.17201.22** | 1 |
| | | | Silver (Ag) | 1 C | **11.17271.22** | 1 |
| | | | | 2 C | **12.17273.22** | 3 |
| | Metal chrome | MA / MA | Gold (Au) | 1 C | **11.17051.21** | 2 |
| | | | | 2 C | **12.17063.21** | 3 |
| | | | Silver (Ag) | 1 C | **01.17001.21** | 2 |
| | | | | 2 C | **02.17013.21** | 3 |

Switching action: MA -Maintained
Soldering terminals
C= changeover

## IMPLANTATION




## DRAWING DIMENSION




## CONNECTION

The sales department is at your disposal
Email : contact@eozonline.com
site: www.eozonline.com

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