

# Smart-Box, white, 2 switches configurable

73-00001.1

Distribution by  
Newark



<https://newark.eao.com/component/73-00001.1/e...>

Your product:

---



## 73-00001.1 Smart-Box, white, 2 switches configurable

*Loading . . .*

### **MOUNTING**

**Mounting type:** for snapping in place

### **OPERATING-/INDICATION PART**

**Illumination colour:** White

### **ELECTRICAL CHARACTERISTICS**

**Contacts:** 2 NO

**Operating voltage:** 24 V DC  $\pm 10\%$

**Operation current:** 10 mA

**Switching rating:** 30 V DC @ 0,1 A

**Communication interface:** Standard

### **MECHANICAL CHARACTERISTICS**

<b>Terminal:</b>	Connector M12
<b>Contact material:</b>	Gold-plated silver
<b>Switching system:</b>	Short-travel element
<b>Switching system:</b>	Short-travel snap-action switching system with two independent contact points and tactile operation Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact
<b>Mechanical lifetime:</b>	≥1 Mil. cycles of operation
<b>Operating force:</b>	4.5 N ±1 N (measured at the lens)
<b>Operating Travel:</b>	ca. 0.5 mm
<b>Weight:</b>	0.001 kg

### AMBIENT CONDITION

<b>IP Protection:</b>	IP67
<b>Operating temperature:</b>	- 25 °C ... + 60 °C
<b>Storage temperature:</b>	- 25 °C ... + 80 °C
<b>Shock resistance:</b>	Max. 100 m / s <sup>2</sup> , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)
<b>Vibration resistance:</b>	Max. 50 m / s <sup>2</sup> from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)

### CERTIFICATE

<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant

### OTHER

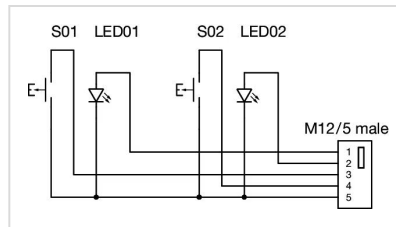
<b>Short Description:</b>	Smart-Box, white, 2 switches configurable, 30 V DC @ 0,1 A, 24 V DC ±10 %, 2 NO, Connector M12, White
<b>Dimension:</b>	110.9 mm x 45 mm x 45.7 mm
<b>Material:</b>	Plastic, according to UL 94 V0
<b>Hints:</b>	Mount the mounting adaptor on the mounting surface. Hang the Smart-Box on one side (note the orientation of the mounting adaptor on the housing). Press the Smart-Box onto the adaptor on the opposite side until the box clicks into place. Alternatively, the module can be placed on a standard top-hat rail or mounted on a surface using screws from the rear (see dimension drawings).
<b>Description component:</b>	Upper part of housing: PBT / UL-V0 / colour similar to RAL9010; Lower part of housing: PBT / UL-V0 / colour similar to RAL9011; Spring element (for restraint): POM (nature); Seal: MVQ silicone foam bright; Blind plug: PC / glass clear; Mounting adaptor: Stainless steel 1.4301 / surface vibratory finish; Housing

screws: Stainless steel A2; Marking plate: Black PVC / surface aluminium-coloured, adhesive; M12 connector housing: Die cast zinc

**Colour RAL:**

9010 RAL

**Wiring diagrams:**



**Dimension drawings:**

