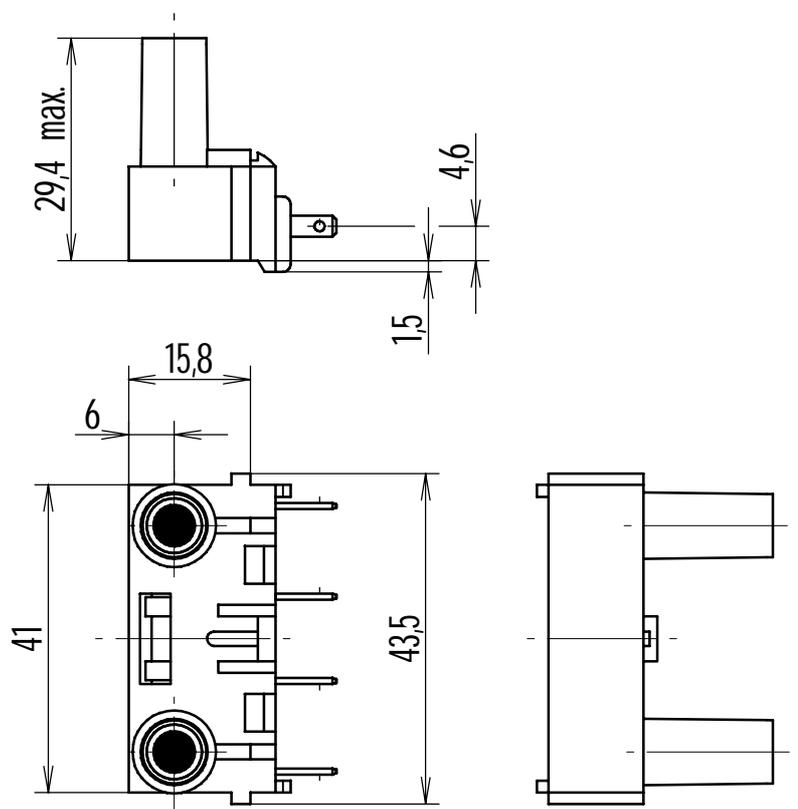
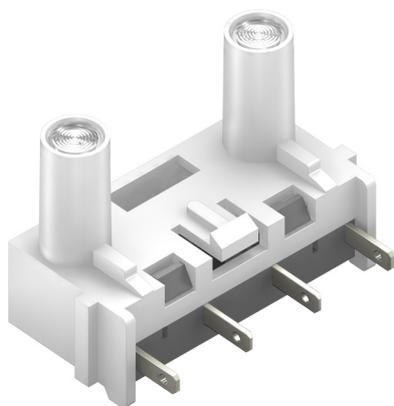




## Double Remaining Heat Indicator Type 491



Tolerances unless otherwise stated:  $\pm 0.2$

Scale: 1:1

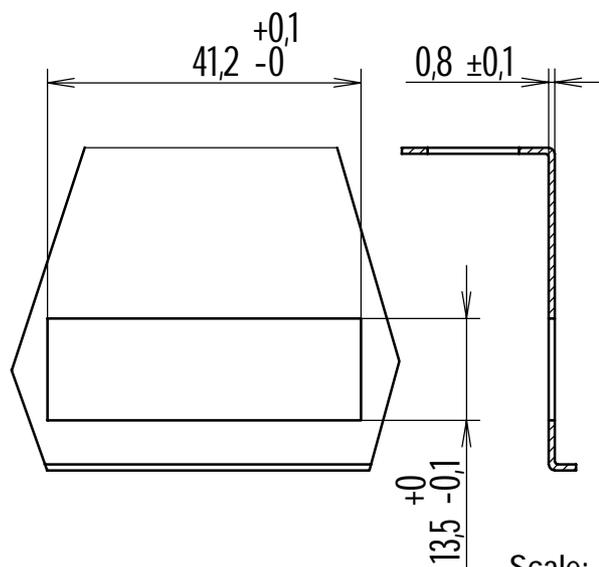
Double indicator light for building in.

For use at high temperatures as backlighting behind a diffuse panel, f.e. in glass ceramic appliances as residual heat indicator, fixed by twisting and snap-in.

Different voltages, brightnesses, resistances to temperature, conformity marks and also with special specifications available.

For details, please see our web page.

### Recommended cutout



Scale: 1:1



# electrónica de precisión, s.a.

C./ Galileu, 17 Polígono Industrial Can Estella  
E-08635 Sant Esteve Sesrovires  
BARCELONA

Tel.: +34 93 774 69 10  
Fax.: +34 93 774 65 00  
e-mail: epsa@edep.com  
http://www.edep.com



## Technical specifications series 491

This double or single indicator light for building in is designed for snap-twist-in mounting to lateral panel and to be used at high ambient temperatures.

The thermoplastic housing, composed by two pieces, incorporates the fixing elements, the connection means and also the lighting means. On the reflectors are placed transparent lenses as diffusers.

Usually placed behind an opaque panel (f. e. of ceramic glass).

Following specifications are a guide for end users:

**Connection means:** Tabs (male terminals) 2.8 x 0.8 the common pole has two tabs

**Ambient temperature:** To be used at a ambient temperature of maximum 120 °C

**Rated voltage:** 250V (can be used down to 220V), 400V (can be used down to 370V) for all voltages, please see "Lighting means"

**Nature of supply:** AC and DC

**Lighting means** Neon glowlamps

**Colour of lighting mean:** orange

**Applicable standard:** VDE 0710 and, as far es applicable, IEC 598 (EN 60 598)

**Conformity marks:**  available

**Voluntary conformity marks:** VDE-Reg.-Nr. 2998

### **Notes and other technical specifications:**

**Life expectancy:** The ultra high bright glowlamps have an average life of 10.000 hours at ambient temperature of 25°C. These values are given for AC supply and standard types. Please ask for specifications for other types.

**Quench resistor:** Indicator lights with glowlamps can light a little bit because of the proximity of induction, a lot of cables, or large currents in the mains, even if one pole of the source is disconnected. This phenomenon is solved either with two pole disconnection or incorporating an additional paralel resistor.

**Other voltages:** Under request also other voltages for different natures of supply can be offered.

**Other ambient temperature:** If the indicator light has to work at other ambient temperatures, ask for special quote. This indicator light can also be delivered without the lens(es) in this execution the value of applied ambient temperature can be increased.

**Brightness:** Our indicator has a very high brightness light output. Other brightnesses available under request. The life expectancies vary from those specified above.

**Recycling:** The two pieces of the housing are marked with the identification of their thermoplastic materials.

### Order Instructions

For orders, please indicate: Type reference, number of signals and if only one also his position and nominal voltage.

Examples: Indicator light, double, 491, 250V, or Indicator light type 491, single (position detailed on sketch), 400V.

Any special requeriment (f. e. specific plastic raw material, other ambient temperature, other lighting means, other voltages, quench resistor and his ohmic value, a. s. o.) is considered a special execution and his supply and order identification has to be confirmed specially by us.

These details are necessary for the first order and to be in accordance with the prescriptions of product identification of the standard(s) and (or) of the certification institute(s).

For following orders this can be substituted by a code of ten numbers which we assign toall our products and coincides with our drawing number, which usually has to be made to assure corect product identification.