

# LAMP HOLDERS FOR DISCHARGE LAMPS

Lampholder whose creepage and clearance distances allow the use in class II fixtures, with working tension up to 500 V and pulse peak voltage up to 5 kV, if connected with double or triple insulated cables (ref. standard EN 60598.1).

## A37



Perfect centring of the lamp in the lampholder, in all the possible applications in the lighting fixtures.

Safety additional springs to maintain in position the lamp also in places with very high vibrations. These two springs are not included in the standard version, if needed the code of the lampholder becomes A37A.

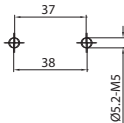
Possible exit of the cables, lateral or opposite lateral.  
Attention: consider 2 cm of cables loss in lampholder.

Note: in case this lampholder is used with lamps with high power, 1.000W and 2.000W, the connected cables become two for each pole to distribute in a proper way the current that, in these cases, is very high. For 1.000W lamps it is recommended to use two double cables of section 1.00 sqmm; for 2.000W lamps it is recommended to use two double cables of section 1.50 sqmm.

<b>Lampholder:</b>	<b>G22</b>
Rated voltage:	<b>500 V</b>
Impulse voltage:	<b>5 kV</b>
Rated current:	<b>20 A</b>
Working temperature:	<b>T 350°C</b>
Connected cables working temperature:	<b>T 105° ÷ 250°C</b>
In conformity to the standards:	<b>UL 496 CSA 22.2 N.43</b>
Approval marks:	<b>cURus</b>

- Steatite body.  
Insulated base in micarta plate.  
Contacts in special silver-plated alloy.  
Pressure spring in normalized stainless steel.  
External retaining spring for the lamp in stainless steel (only for the code A37A).
- Weight (with cables l = 35 cm): 185 g.

- Instruction to fix the lampholder on structures.



- Fixing of the lampholder by M5 screws to be inserted in the slotted fixing holes with center distance 37 or 38.

Single-conductor, flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available voltages and AWG			
			600V	18AWG	16AWG	14AWG
Silicone Single insulation	200	CuSn	•	•	•	•
Silicone+glass-braid Single insulation	200	CuSn	•	•	•	•
PTFE Single insulation	250	CuNi	•	•	•	•
PTFE+PFA Double insulation	250	CuNi	•	•	•	•



# A37

2010



### Lampholder:

G22

Rated voltage:

500 V

Impulse voltage:

5 kV

Rated current:

20 A

Working temperature:

T 350°C

Connected cables

working temperature:

T 105°± 250°C

Overtoltage category:

III

Protection degree (IP):

IP20

In conformity to the standards:

EN 60838-1

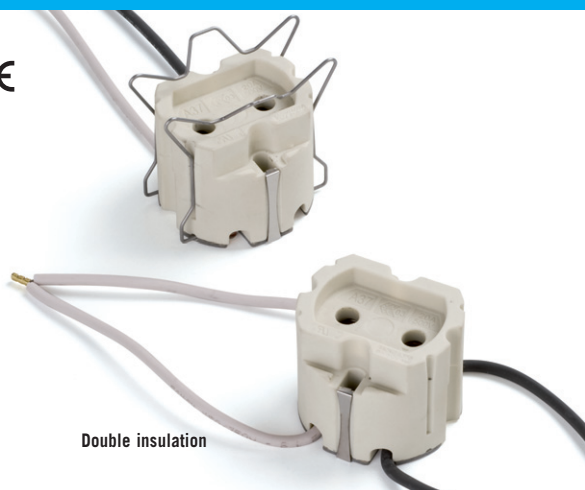
In conformity to the requirements of the directive:

2014/35/EU

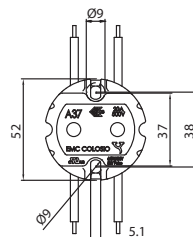
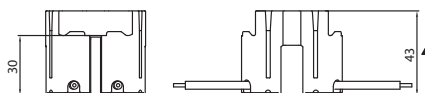
Approval marks:

**A37:** Lampholder G22 in standard version.

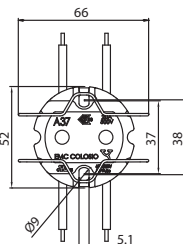
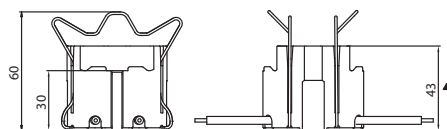
**A37A:** Lampholder G22 in version with external springs to retain the lamp.



Double insulation



A37-



A37A-

Single-conductor, flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available sections and tensions			
			Pulse kV	0,75 mm <sup>2</sup>	1,00 mm <sup>2</sup>	1,50 mm <sup>2</sup>
Silicone+Silicone <i>Single insulation</i>	180	CuSn	5kV	•	•	•
Oversize silicone <i>Single insulation</i>	180	CuSn	5kV	•	•	•
Silicone+Silicone + Glass-braid <i>Single insulation</i>	180	CuSn	5kV	•	•	•
Oversize PTFE <i>Single insulation</i>	250	CuNi	5kV		•	•
Oversize PTFE+PFA <i>Double insulation</i>	250	CuNi	5kV		•	•

On customer's request, the cable not subjected to the lamp starter voltage, can be supplied with basic insulation.

▲ Reference plane

