

# FOR NET TENSION 110 - 250V

## A42U-

2004



(only for A42U-)

**Lampholder:**

Rated voltage:  
Rated current:  
Working temperature:

**GU10**  
**500 V**  
**2 A**  
**T 260°C** for A42U- (\*)  
**T 120°C** for A42UV- (\*)

Type of clamps to connect the cables:  
Clamps connecting capacity:  
Overvoltage category:  
Protection degree (IP):  
In conformity to the standards:  
In conformity to the requirements of the directive:

**SPRING CLAMPS (push-in insertion)**  
**0,75 - 1,00 mm<sup>2</sup>**  
**III**  
**IP20**  
**EN 60838-1**  
**2014/35/EU**

Approval marks:

**ENEC 03**  
**CQC** (only for A42U-)



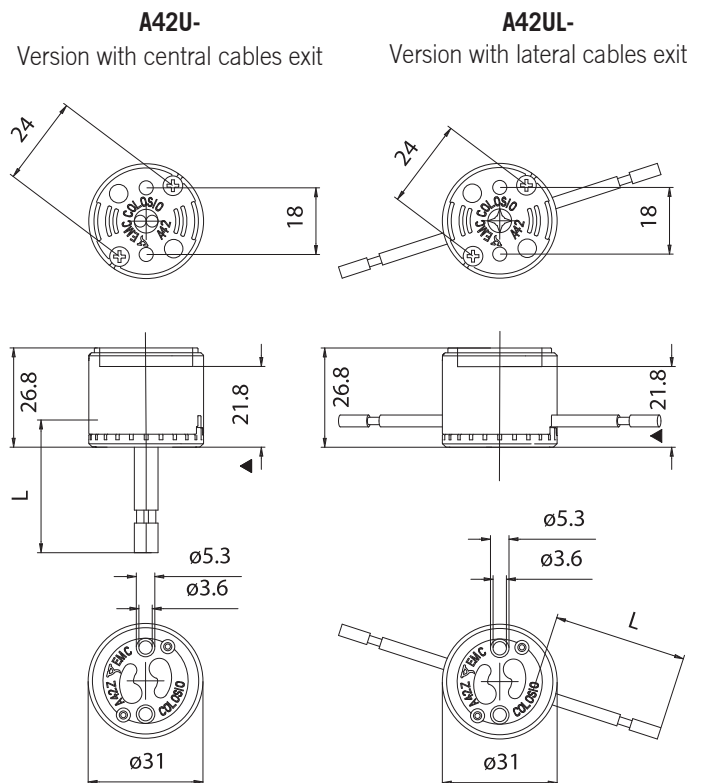
**Double insulation**

**A42U-**: version with envelope in black LCP and (\*)  
working temperature T 260°C.

**A42UV-**: version with envelope in black PBT and (\*)  
working temperature T 120°C.

Single-conductor flexible connecting cables which could be connected to the lampholder (arranged with crimped end-terminals):

Insulation	T in °C	Conduct.	Available sections in mm <sup>2</sup>			
			0,50	0,75	1,00	1,50
Silicone Single insulation	180	CuSn		•	•	
Silicone+glass-braid Single insulation	180	CuSn		•	•	
FEP Single insulation	180	CuSn		•	•	
FEP+FEP Double insulation	180	CuSn		•	•	
FEP+FEP+FEP Triple insulation	180	CuSn		•		



▲ Reference plane



# LAMP HOLDERS FOR INCANDESCENT HALOGEN LAMPS

Lampholder whose creepage and clearance distances allow the use in class II fixtures with working voltage up to 250V, if connected with double or triple insulated cables (ref. standard EN 60598.1).

**NOTE:** back cable-clamp cover to be assembled after having inserted the cables in double or triple insulation, which can exit from the back side or lateral side of the lampholder (ref. standard EN 60598.1 par. 5.2.10.3 "pull test 60 N" and "torsion test 0,15 Nm").

In some applications, it is necessary to guarantee the fastening of the cable-clamps cover by two 3 x 9,5 mm thread-forming screws for plastic, to be inserted in the holes with center distance 24 mm (ref. art. 652).

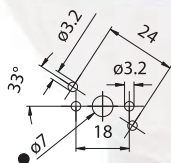
**Attention:** consider 2 cm of cable loss for the lampholder with central cables exit; consider 3 cm of cable loss for the lampholder with lateral cables exit.

**Note:** on request, it is also possible to supply the lampholder with already inserted cables (ref. A42U- with central cable exit, ref. A42UL- with lateral cable exit).

- Steatite body.  
External envelope in black LCP (grey on request).  
Contacts in special silver-plated alloy.  
Push-in clamps built in the contacts.  
Cables exit from the back side or lateral side.

**Built in cable-clamp device.**

- **Glow wire 960° C**
- **Attention:** the lampholders of series A42U-, in the versions with cURus and CQC approvals, are managed with specific dedicated codes. The version A42UV- has only ENEC O3 certification.
- Weight: 23 g.
- Indications to fix the lampholder on structures.



- Suggested minimum dimension for cables passage (if necessary)

- Fixing of the lampholder:
  - by two M3 screws, with maximum head diameter 5,0 mm, 16 mm length + thickness of the material, to be inserted in the holes with center distance 18 mm (available screws M3 x 20 art. 651).
  - by two thread-forming screws for plastic diameter 3 mm, 10 mm length + thickness of the material, to be inserted in the holes with center distance 24 mm positioned in the back side of the lampholder (available thread-forming screws for plastic 3 x12 mm, ref. art. 526).

## A42U-



<b>Lampholder:</b>	<b>GU10</b>
Rated voltage:	<b>500 V</b>
Rated current:	<b>2 A</b>
Working temperature:	<b>T 240°C</b>
Type of clamps to connect the cables:	<b>SPRING CLAMPS (push-in insertion)</b>
Clamps connecting capacity:	<b>18 AWG</b>
In conformity to the standards:	<b>UL 496 CSA 22.2 N.43</b>
Approval marks:	<b>cURus</b>

Single-conductor flexible connecting cables crimped to the lampholder (arranged with crimped end-terminals l= 6 mm)

Insulation	T in °C	Conduct.	Available voltages and AWG		
			300V	600V	18AWG
FEP Single insulation	200	CuNi	•	•	•
FEP+FEP Double insulation	200	CuNi	•		•
PTFE Single insulation	250	CuNi	•	•	•
PTFE+PFA Double insulation	250	CuNi	•		•

