



## TECHNICAL DATA

Rated Capacitance= 0,1 uF  $\pm$  5 %

Rated Voltage= 40,5 kV

Frequency= 50/60 Hz

Testing terminal-terminal for 1 min.=  
 $2 \times 42,5 \text{ kV} = 85 \text{ kV r.m.s. or } 85 \times 2 = 170 \text{ kV DC}$

$$\text{Insulation level} = 85 \text{ kV}_{\text{rms}} (*) / 185 \text{ kV}_{\text{peak}} (*)$$

Temperature Category=  $-25/+50^{\circ}\text{C}$

Bushings= Ceramic, Brown (Creepage distance=600mm)

Post Insulator= Resin, Red (Creepage distance=520mm)

Capacitor Case= No-magnetic Stainless Steel

Rack= No-magnetic Stainless Steel

Color= RAL.7030

Dielectric= All Polypropylene Film

Discharge resistor= NO

Insulating liquid= Synthetic Fluid (NON-PCB) UN 3548

Weight= approx. 62 Kg

Installation= Indoor

Standards= VDE 0560-3 (as far as applicable)

(\*)= with post insulator

RATING PLATE (96x66 mm)

|                                      |  |                                          |  |
|--------------------------------------|--|------------------------------------------|--|
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| Tel. +39 0375 785887                 |  | Fax. +39 0375 785877                     |  |
| www.enerlux.it                       |  | Email: info@enerlux.it                   |  |
| Manufactured by Enerlux Power s.r.l. |  |                                          |  |

  

|                                                                                       |                                                     |                |                                     |                |                                        |
|---------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|-------------------------------------|----------------|----------------------------------------|
| Type                                                                                  | <input type="text" value="OVP.40.5-0.1"/>           | SN             | <input type="text" value="xxxxxx"/> | Year           | <input type="text" value="xxxx"/>      |
| U <sub>N</sub>                                                                        | <input type="text" value="40,5"/> kV <sub>rms</sub> | C <sub>N</sub> | <input type="text" value="0,1"/> uF | f <sub>N</sub> | <input type="text" value="50/60"/> Hz  |
|  | <input type="text" value="without"/>                | Q <sub>N</sub> | <input type="text" value="/"/> kvar | U <sub>i</sub> | <input type="text" value="85/185"/> kV |
| Std                                                                                   | <input type="text" value="VDE 0560-3"/>             | DR             | <input type="text" value="/"/> MG   | Con.           | <input type="text" value="/"/>         |
| Temp                                                                                  | <input type="text" value="-25/C"/> °C               | Weight         | <input type="text" value="62"/> Kg  | Fluid          | <input type="text" value="12"/> liters |

  

**WARNING! NO INTERNAL DISCHARGE RESISTOR!!**

WARNING! After disconnecting wait 10 min. Discharge Earth and Shortcircuit before Handling! Oines mounting and operating observe IEC 61936-1 & Enerlux rules

CAUTION! Contains impregnant xxxxxxxxxxxxxxxxx type, Combustible, NON PCB, Synthetic dielectric Fluid (UN 3548)

MADE IN ITALY

|     |            |                         |               |                                                                                 |                                                                                                                                                                                                                                                             |                           |                  |
|-----|------------|-------------------------|---------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|
|     |            |                         | Drewn: PM     | Approved: Viscardi G.                                                           |  <div> Via Guido Rossa 6<br/> 46019 VIADANA (MN) Italy<br/> Tel: 0375/785887<br/> Fax: 0375/785877<br/> Web: <a href="http://www.enerlux.it">www.enerlux.it</a> </div> | Sheet n° 1                | Total Sheets: 1  |
|     |            |                         | Prepared: GDQ | Toll. dim.: /                                                                   |                                                                                                                                                                                                                                                             | Scale: /                  | Date: 26/05/2025 |
| 0   | 26/05/2025 | rev.0                   |               | C-part of RC protection unit<br>40,5 kV – 0,1 uF – 50/60 Hz<br>(BIL= 85/185 KV) |                                                                                                                                                                                                                                                             | Drawing :<br>OVP.40.5–0.1 |                  |
| REV | DATE       | DESCRIPTION OF REVISION | NOTE          |                                                                                 |                                                                                                                                                                                                                                                             |                           |                  |
|     |            |                         |               |                                                                                 |                                                                                                                                                                                                                                                             |                           |                  |