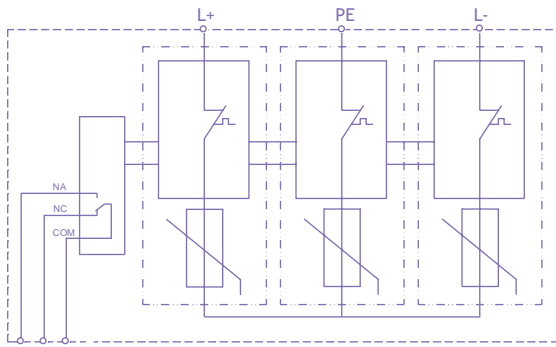




VP C40

PV500



MAIN SPECIFICATIONS

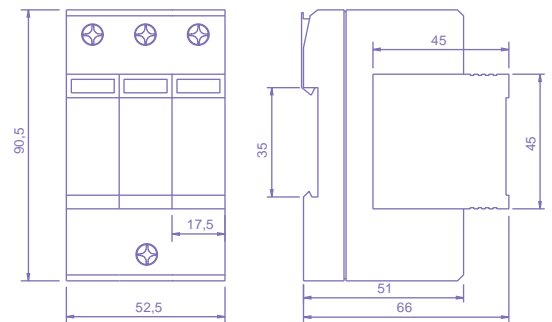
Units designed to protect installations and equipments in direct current against potential damages caused by transient overvoltage.

- ↪ Photovoltaics installations.
- ↪ Class II overvoltage protector (Type 2).
- ↪ Plug-in protection module.
- ↪ Visual fault indicator.
- ↪ Remote signalling.

TECHNICAL PARAMETERS

| | |
|---|---|
| According to IEC 61643-1 | Clase II |
| Maximum service voltage in direct current U_{ocmax} | < 500 Vdc |
| Maximum continuous operating voltage U_c [L-PE] | 250 Vdc |
| Nominal discharge current (8/20 μ s) I_n | 20 kA |
| Maximum discharge current (8/20 μ s) I_{max} | 40 kA |
| Protection level U_p | < 1,8 kV |
| Protection level at 5 kA | < 1,5 kV |
| Response time t_a | < 25 ns |
| Maximum back-up fuse | 125 A gL/gG |
| Working temperature range | -40 °C a +80 °C |
| Recommended cable section (line and neutral connection) | Rigid cable: 6 – 16 mm ² Flexible cable: 6 – 25 mm ² |
| Recommended cable section (earth connection) | Rigid cable: 10 – 25 mm ² Flexible cable: 10 – 35 mm ² |
| Torque | Maximum 4,5 Nm |
| Assembly | Symmetrical rail 35 mm EN50022 |
| Carcase material | Thermoplastic, grey colour, UL 94 V-0 |
| Protection degree | IP 20 |
| Visual failure indicator | Green (Correct)/Red (Replace) |
| Remote signalling | Switched contact NA-NC |
| Wire section for remote signalling | 1,5 mm ² |
| Remote signalling cut off capability | 1 A/125 Vac - 0,2 A/125 Vdc |
| Marking | CE |

DIMENSIONS millimeters



CODES

ORDER INFORMATION

| | |
|--------------|-------------|
| Article code | 41605 |
| Weight | 315 gr |
| Packaging | 1 units/box |

Other voltages (U_c) or discharge capacities (I_n) are available to order.

Consult us at export@fanox.com.

PLUG-IN MODULE

| | | |
|--|-----------------|----------|
| | Article code | 41614 |
| | U_c | 250 Vdc |
| | I_n | 20 kA |
| | U_p | < 0,9 kV |
| | Mechanical code | ✓ |