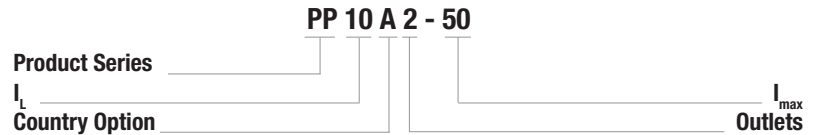


Plug-in Surge Filters

Novaris plug-in surge filters plug into a standard mains outlet socket to provide premium protection for sensitive or critical electronic equipment



|  | PP10A2-50 | PP10A4-50 | PP10A6-50 | PP10A8-50 |
|--|-----------|-----------|-----------|-----------|
|--|-----------|-----------|-----------|-----------|

| Electrical Specifications                     |            |   |  |  |  |
|---|------------|---|--|--|--|
| Connection type                               |            | Series  |  |  |  |
| Modes of protection                           |            | All mode (L-N, L-PE, N-PE)                              |  |  |  |
| Nominal voltage                               | $U_0$      | 230V / 50Hz   |  |  |  |
| Maximum continuous voltage                    | $U_c$      | 275V / 50Hz   |  |  |  |
| Maximum discharge current (8/20 $\mu$ s)      | $I_{max}$  | 50kA  |  |  |  |
| Nominal discharge current (15 x 8/20 $\mu$ s) | $I_n$      | 20kA  |  |  |  |
| Maximum load current                          | $I_L$      | 10A   |  |  |  |
| Protection stages                             |            | Metal oxide varistor / LC filter / Metal oxide varistor |  |  |  |
| Voltage protection level @3kA (8/20 $\mu$ s)  | $U_p$      | <600V   |  |  |  |
| Response time                                 | $t_A$      | Instantaneous   |  |  |  |
| Power Consumption (@230V 50Hz)                |            | <1W   |  |  |  |
| Attenuation                                   |            | -3dB at 900Hz, -60dB at 100kHz                          |  |  |  |
| Earth leakage current                         |            | <500 $\mu$ A  |  |  |  |
| Maximum voltage drop (% of $U_0$ )            | $\Delta U$ | <1%   |  |  |  |
| Display                                       |            | LED power and status                                    |  |  |  |

| Mechanical Specifications          |  |   |   |   |   |
|------------------------------------|--|---|---|---|---|
| Operating temperature / humidity   |  | -40 to +70°C / 0 to 90% non-condensing  |   |   |   |
| Connection type - line side cord   |  | IEC C14 Inlet                           |   |   |   |
| Connection type - load side outlet |  | 10A Australian (type I) outlet          |   |   |   |
| Number of outlets                  |  | 2                                       | 4 | 6 | 8 |
| Environmental                      |  | IP 20                                   |   |   |   |
| Mounting                           |  | Free standing, (optional wall mount -M) |   |   |   |
| Weight                             |  | 1.3kg                                   |   |   |   |

| Standards Compliance        |  |
|-----------------------------|--|
| IEC 61643-11 class II, III  |  |
| AS/NZS 1768 categories A, B |  |
| IEEE C62.41 categories A, B |  |
| IEC 1000-4-5                |  |

| Country Option       |   |
|----------------------|---|
| Australian - AS-3112 | A |
| European - CEE7/4    | E |
| British - BS-1363    | B |

| Dimensions |  |       |       |       |       |
|------------|--|-------|-------|-------|-------|
| Width      |  | 155mm | 205mm | 255mm | 305mm |
| Height     |  | 140mm |       |       |       |
| Depth      |  | 60mm  |       |       |       |