

## 'elmex' PV Solar Fuse Holder - 1000V



'elmex' PV Solar Fuse Terminal Block EPVFH1000NV is specifically designed for 1000 VDC photovoltaic applications, providing essential string protection. It is used for connecting photovoltaic devices such as DC and AC distribution boxes, inverters, and string combiner boxes in both rooftop and ground-mounted solar power systems. Solar Fuse Terminal Blocks are constructed in accordance with IEC 60269-1-2 and UL 4248-1 & UL 4248-19 standards, and are compatible with cylindrical gPV fuses of size  $\varnothing$  10 x 38 mm. The design of the fuse terminal block allows for mounting with a spacer, which creates a gap between adjacent fuse holders. This gap facilitates air circulation, helping to reduce the operating temperature and enhance the overall reliability and efficiency of the system.



EPVFH1000NV



**SPACER**  
For PV Fuse Terminal Block  
EPVFH1000NV

TGS

| Description              | Specifications                       |
|--------------------------|--------------------------------------|
| Rated Voltage            | 1000V DC                             |
| Rated Current            | 32A                                  |
| Degree of Protection     | IP20                                 |
| Rated Cross Section      | 1.0 - 25mm <sup>2</sup> / 8 - 18 AWG |
| Rated Torque             | 24.2 lb-in                           |
| Dimensions ( W x H x P ) | 78 x 62 x 18 mm                      |
| Mounting Channel         | 7.5(h) X 35 mm(w)                    |
| Standard Box Packing     | 20 Nos.                              |



Note: It is recommended to use gPV (cylindrical) fuse of  $\varnothing$  10 X 38 mm dimension.

## 'elmex' gPV Fuse Link

'elmex' gPV Fuse Link suitable for 1000V DC photovoltaic applications.



EPVFL

| Description      | Specifications                  |
|------------------|---------------------------------|
| Rated Voltage    | 1000V DC                        |
| Rated Current    | 4, 10, 12, 15, 16, 20, 25, 30 A |
| Type             | gPV (Cylindrical)               |
| Dimension        | $\varnothing$ 10 X 38 mm        |
| Testing Standard | IEC 60269-6                     |