

## 'elmex' PV Solar Straight Inline Fuse Connectors



'elmex' PV Solar Straight Inline fuse connectors **EMPV4FC, EMPV4FCM** & **EMPV4FCF** are applicable for Photovoltaic string protection. The variants of these connectors offer users with options of either using a male or female straight connector at one end & cable at the other end or using male/female straight connectors at both the ends for string protection with fuse. 'elmex' straight inline fuse connectors have plug & socket design suitable for **2.5, 4.0, 6.0 mm**² size cables & are constructed using flame retardant engineering thermoplastic suitable for exposure to UV rays & for application in PV power generation system. They are suitable for use with gPV (Cylindrical) fuse of ø 10 X 38 mm.

| EMPV4IFC | EMPV4IFCM | EMPV4IFCF |
|----------|-----------|-----------|
|          |           |           |

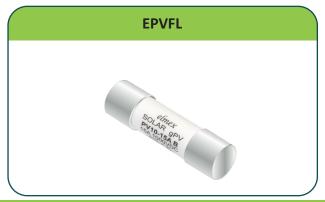
| Description          | Specifications  |
|----------------------|---|
| Rated Voltage        | 1000V DC  |
| Rated Current        | 15A   |
| Test Voltage         | 6KV   |
| Degree of Protection | IP 67   |
| Contact Material     | Copper Alloy with Tin Plating                                   |
| Ambient Temperature  | -40° C to +85° C  |
| Safety Class         | II  |
| Contact Resistance   | $<$ 0.5m $\Omega$   |
| Insertion Force      | ≤ 50 N  |
| Withdrawal Force     | ≥ 50 N  |
| Rated Conductor Size | 2.5 mm <sup>2</sup> / 4.0 mm <sup>2</sup> / 6.0 mm <sup>2</sup> |
| Locking System       | Snap In   |

Note: (1) Our Connectors are suitable for PV Solar Cables of 2.5 / 4.0 / 6.0 mm<sup>2</sup> diameter (As per 2Pfg 1169 / EN 50618).

- (2) Connectors when mated, need a tool to open in accordance with NEC 2014.
- (3) It is recommended to use gPV (cylindrical) fuse of ø 10 X 38 mm dimension.



## 'elmex' gPV Fuse Link



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

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