

'elmex' PV Solar Straight Inline fuse connectors **EMPV4IFC1500**, **EMPV4IFCM1500** and **EMPV4IFCF1500** 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<sup>2</sup>** 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  $\phi$  10 X 85 mm.



Description	Specifications
Rated Voltage	1500V DC
Rated Current	30A
RMS Test Voltage	8 kV (1500V)
Impulse with stand Voltage	16 kV
Degree of Protection	IP 68
Contact Material	Copper with Tin Plating
Ambient Temperature	-40° C to +85° C
Max. Operating Temp.	+110° C
Pollution Degree	3
Insertion Force	≤ 50 N
Withdrawal Force	≥ 50 N
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  $\phi$  10 X 85 mm dimension.

## 'elmex' gPV Fuse Link



'elmex' gPV Fuse Link suitable for 1500V DC photovoltaic applications.

Description	Specifications
Rated Voltage	1500V DC
Rated Current	upto 30 A
Type	gPV (Cylindrical)
Dimension	$\phi$ 10 X 85 mm
Testing Standard	IEC 60269-6