

<b>Date</b>		<b>Designed By</b>	Nishant/Kunal
<b>Revision</b>	00	<b>Prepared By</b>	Harsh
<b>Revision Particulars</b>	Issued For Approval	<b>Approved By</b>	Robin Virani

<b>Client/Developer</b>	:		
<b>EPC Contractor</b>	:		
<b>Consultant Name</b>	:		
<b>Project Name</b>			
<b>Title</b>	GTP of 1500V DC PV Solar Straight Inline Fuse Connector Female without Fuse link		
<b>PROJECT NO</b>		<b>REV.</b>	<b>SHEET</b>
<b>DOC.NO</b>		00	1 of 4

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**EMPV4IFCF1500**

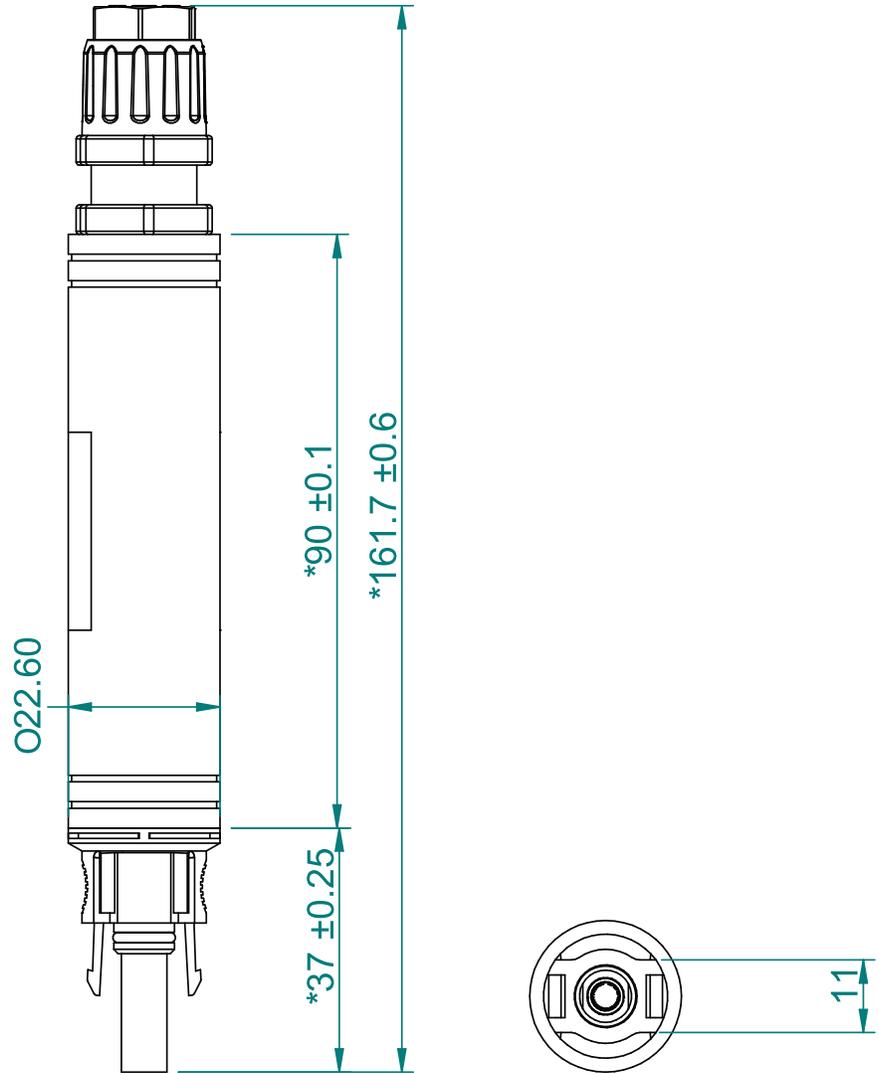
Sr.NO	Technical Parameters for EMPV4IFCF1500	
1	Factory Inspection	Name of Supplier- Elmex Electric Pvt. Ltd. Factory Address- 134-135, GIDC ESTATE, POR - RAMANGAMDI, VADODARA 391243, GUJARAT, INDIA.
2	Product Partcode	EMPV4IFCF1500
3	Rated Voltage	1500V DC
4	Rated Current (TUV)	30A
5	Rated Impulse Voltage	16kV
6	RMS withstand Voltage	8kV
7	Protection Class	Class II
8	Application Class	A
9	Flammability Class	UL94-V0
10	Insulating Material	NORYL 9406P PPE+PS
11	Pollution Degree	3
12	Degree of Protection	IP68 (Mated Condition)
13	Over voltage Category	III
14	Lower Ambient Temperature	-40°C
15	Upper ambient Temperature	+85°C
16	Upper Limit Temperature	+110°C
17	Termination and Connection	Crimped Connection
18	Suitable DC PV Cable Size	2.5 mm <sup>2</sup> , 4 mm <sup>2</sup> , 6 mm <sup>2</sup>
19	Metal Contact Pin material	Copper with Tin Plating
20	Stripping Length	8mm-10mm
21	Insertion Force	≤50N
22	Withdrawal Force	≥50N
23	Salt mist Spray Test	IEC60068-2-52, Severity 6
24	Locking System	Snap In
25	Tool require for Opening and Tightening	Part code:EPVOS-S 

Sr.NO	Technical Parameters for EMPV4IFCF1500	
26	Fuse Link Suitable Size	<p data-bbox="857 325 1015 361">φ 10 x 85mm</p>  <p data-bbox="857 499 1003 535">EPVFL1500</p>
27	Tool Required for Crimping	 <p data-bbox="847 781 1026 814">Part code:ESCCT</p>

\* Do not connect Straight Inline Fuse Connectors directly in MPPT of String Inverter.

\*\*Technical specifications may change in line with Technical Advances and industry standards.

1500V DC Straight Inline Fuse Connector Female



REV. No.	REVISION DETAIL			ECR No.	MODIFY BY	DATE
IF ANY DOUBT PLEASE ASK		REMOVE ALL SHARP EDGES		ALL DIMENSIONS ARE IN "mm"		
		<b>ELMEX CONTROLS Pvt. Ltd.</b> 12, GIDC, MAKARPURA, VADODARA - 390010		MATERIAL		
DRAWN BY		NC	DATE	30-03-2018	MSI No.	
CHKD. BY		NC	DATE	30-03-2018	FINISH	
APPROVED BY		SKP	DATE	30-03-2018	WEIGHT	
		SCALE		DESCRIPTION		
SHEET		SHEET SIZE		DESCRIPTION		
1 OF 1		A4		Inline Fuse Connector Female		
				DRG. NUMBER		REV
				EMPV4IFCF1500		0
<small>EG-#7.3086 - 03rd Dec 2010 Ver1.00</small>						