

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



Client/Developer	:	
EPC Contractor	:	
Consultant Name	:	
Project Name		
Title	GTP of 1000V DC PV Solar Straight Inline Fuse Connector Male without Fuse link	
PROJECT NO		REV.
DOC.NO		00
		SHEET
		1 of 4

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EMPV4IFCM

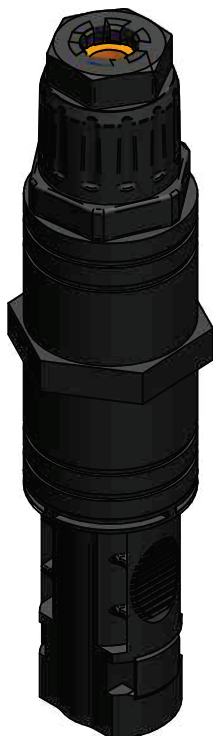
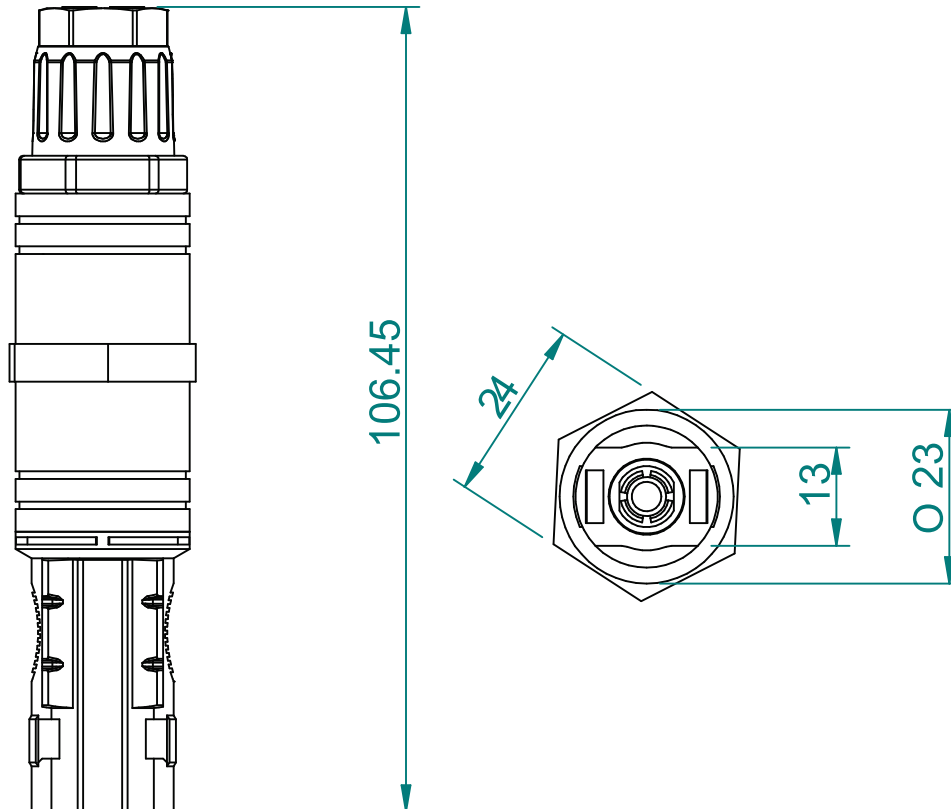
Sr.NO	Technical Parameters for EMPV4IFCM	
1	Factory Inspection	Name of Supplier- Elmex Electric Pvt. Ltd. Factory Address- 134-135, GIDC ESTATE, POR - RAMANGAMD, VADODARA 391243, GUJARAT, INDIA.
2	Product Partcode	EMPV4IFCM
3	Rated Voltage	1000V DC
4	Rated Current (TUV)	15A
5	Rated Impulse Voltage	12kV
6	RMS withstand Voltage	6kV
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	Fuse Link Suitable Size	<div> <math>\phi</math> 10 x 38mm            EPVFL         </div> 



Sr.NO	Technical Parameters for EMP4IFCM	
26	Tool Required for Crimping	 <p data-bbox="1084 457 1260 485">Part code:ESCCT</p>
27	Tool require for Opening and Tightening	 <p data-bbox="1065 779 1268 806">Part code:EPVOS-S</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.

# 1000V DC Straight Inline Fuse Connector Male



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		
				MSI No.		
DRAWN BY	NC	DATE	02-11-2017	FINISH		
CHKD. BY	NC	DATE	02-11-2017			
APPROVED BY	SKP	DATE	02-11-2017	WEIGHT		
FIRST ANGLE PROJECTION 		SCALE NTS		<b>DESCRIPTION</b> Inline Fuse Connector Male		
SHEET 1 OF 1		SHEET SIZE A4				
<b>DRG. NUMBER</b> EMPV4IFCM				<b>REV0</b>		

EC-P17.3/08E\_03rd Dec.2010\_Ver1.00