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|-----------------------------|---------------------|--------------------|---------------|
| 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 1500V DC PV Solar Straight Inline Fuse Connector Male and Female combination without Fuse Link | | |
| PROJECT NO | | REV. | SHEET |
| DOC.NO | | 00 | 1 OF 3 |

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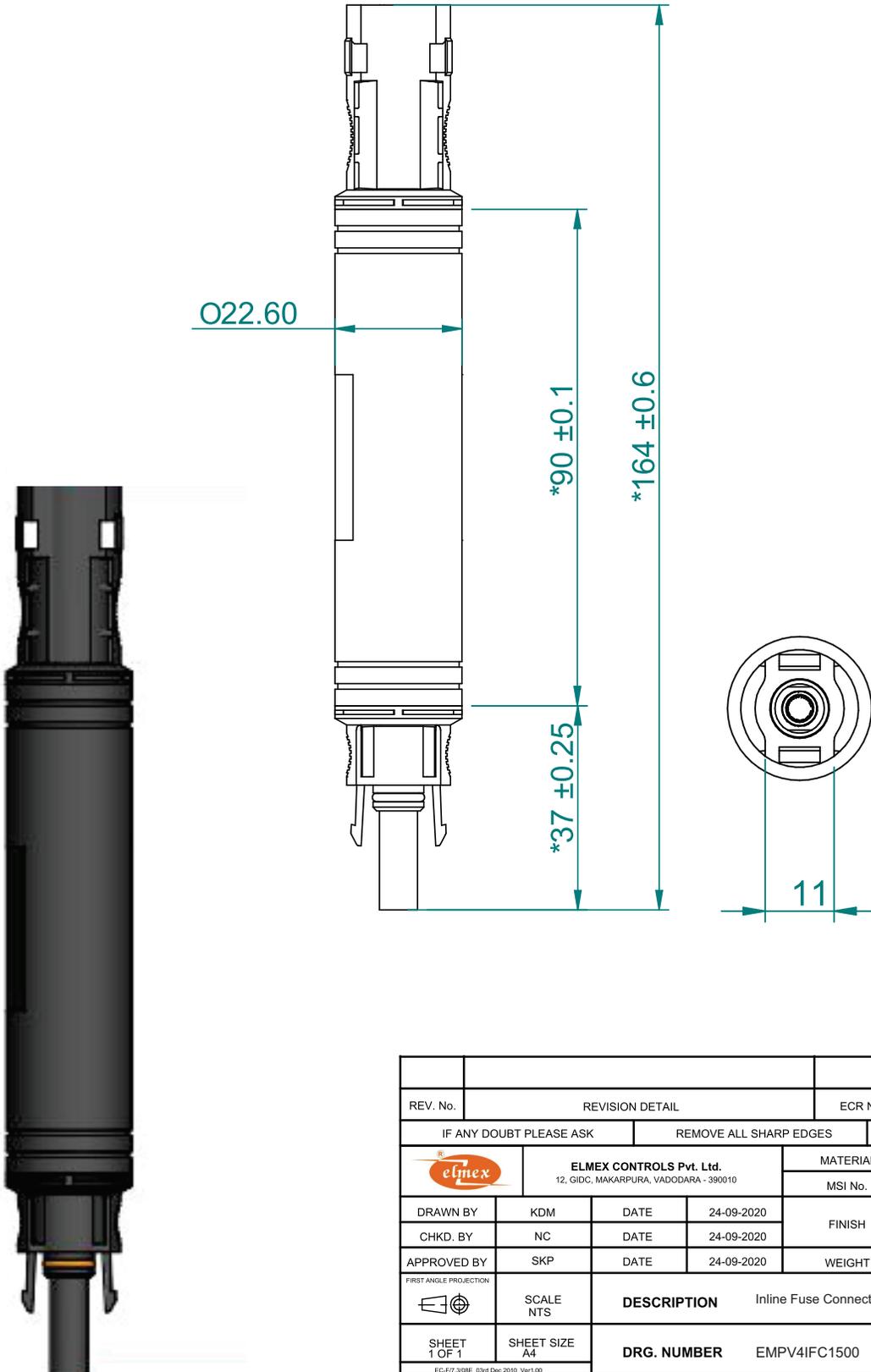
EMPV4IFC1500

| Sr.NO | Technical Parameters for EMPV4IFC1500 | |
|-------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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 | EMPV4IFC1500 |
| 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 | Suitable DC PV Cable Size | 2.5 mm ² , 4 mm ² , 6 mm ² |
| 18 | Metal Contact Pin material | Copper with Tin Plating |
| 19 | Insertion Force | ≤50N |
| 20 | Withdrawal Force | ≥50N |
| 21 | Salt mist Spray Test | IEC60068-2-52, Severity 6 |
| 22 | Locking System | Snap In |
| 23 | Tool require for Opening and Tightening | Part code:EPVOS-S  |
| 24 | Fuse Link Suitable Size | φ 10 x 85mm EPVFL1500  |

* 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



| | | | | | | |
|-------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------|------|---------------------------------------------------|-----------|-------|
| REV. No. | REVISION DETAIL | | | ECR No. | MODIFY BY | DATE |
| IF ANY DOUBT PLEASE ASK | | REMOVE ALL SHARP EDGES | | ALL DIMENSIONS ARE IN "mm" | | |
|  | | ELMEX CONTROLS Pvt. Ltd. 12, GIDC, MAKARPURA, VADODARA - 390010 | | MATERIAL | | |
| DRAWN BY | | KDM | DATE | 24-09-2020 | MSI No. | |
| CHKD. BY | | NC | DATE | 24-09-2020 | FINISH | |
| APPROVED BY | | SKP | DATE | 24-09-2020 | WEIGHT | |
| FIRST ANGLE PROJECTION | | SCALE | | DESCRIPTION | | |
|  | | NTS | | Inline Fuse Connector Male and Female Combination | | |
| SHEET 1 OF 1 | | SHEET SIZE A4 | | DRG. NUMBER | | REV A |
| | | | | EMPV4IFC1500 | | |