**Annex 3**

**ETD 7**

**IEC standards against which Indian Standards do not exist**

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| **SC 121**  |
| **SL.NO** | **Doc. No** | **Title** |
|  | [IEC 62683-1:2017](https://webstore.iec.ch/publication/26847) | Low-voltage switchgear and controlgear - Product data and properties for information exchange - Part 1: Catalogue data |
|  | [IEC TS 63058:2021](https://webstore.iec.ch/publication/31177) | Switchgear and controlgear and their assemblies for low voltage - Environmental aspects |
|  | [IEC TR 63196:2020](https://webstore.iec.ch/publication/62947) | Switchgear and controlgear and their assemblies for low-voltage - Energy efficiency |
|  | [IEC TR 63201:2019](https://webstore.iec.ch/publication/63143) | Low-voltage switchgear and controlgear - Guidance for the development of embedded software |
|  | [IEC TS 63208:2020](https://webstore.iec.ch/publication/62912) | Low-voltage switchgear and controlgear - Security aspects |

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| **SC 121A**   |
| **SL.NO** | **Doc. No** | **Title** |
|  | [IEC 60947-5-3:2013](https://webstore.iec.ch/publication/3989) | Low-voltage switchgear and controlgear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB) |
|  | [IEC 60947-5-4:2002+AMD1:2019 CSV](https://webstore.iec.ch/publication/65179) | Low-voltage switchgear and controlgear - Part 5-4: Control circuit devices and switching elements - Method of assessing the performance of low-energy contacts - Special tests |
|  | [IEC 60947-5-6:1999](https://webstore.iec.ch/publication/3995) | Low-voltage switchgear and controlgear - Part 5-6: Control circuit devices and switching elements - DC interface for proximity sensors and switching amplifiers (NAMUR) |
|  | [IEC 60947-5-7:2003](https://webstore.iec.ch/publication/3996) | Low-voltage switchgear and controlgear - Part 5-7: Control circuit devices and switching elements - Requirements for proximity devices with analogue output |
|  | [IEC 60947-5-8:2020](https://webstore.iec.ch/publication/59589) | Low-voltage switchgear and controlgear - Part 5-8: Control circuit devices and switching elements - Three-position enabling switches |
|  | [IEC 60947-5-9:2006](https://webstore.iec.ch/publication/3998) | Low-voltage switchgear and controlgear - Part 5-9: Control circuit devices and switching elements - Flow rate switches |
|  | [IEC 60947-7-1:2009](https://webstore.iec.ch/publication/4005) | Low-voltage switchgear and controlgear - Part 7-1: Ancillary equipment - Terminal blocks for copper conductors |
|  | [IEC 60947-7-2:2009](https://webstore.iec.ch/publication/4006) | Low-voltage switchgear and controlgear - Part 7-2: Ancillary equipment - Protective conductor terminal blocks for copper conductors |
|  | [IEC 60947-7-3:2009](https://webstore.iec.ch/publication/4007) | Low-voltage switchgear and controlgear - Part 7-3: Ancillary equipment - Safety requirements for fuse terminal blocks |
|  | [IEC 60947-7-4:2019](https://webstore.iec.ch/publication/60186) | Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors |
|  | [IEC TS 60947-7-5:2021](https://webstore.iec.ch/publication/59477) | Low-voltage switchgear and controlgear - Part 7-5: Ancillary equipment - Terminal blocks for aluminium conductors |
|  | [IEC 60947-8:2021](https://webstore.iec.ch/publication/64939) | Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines |
|  | [IEC 60947-9-1:2019](https://webstore.iec.ch/publication/31648) | Low-voltage switchgear and controlgear - Part 9-1: Active arc-fault mitigation systems - Arc quenching devices |
|  | [IEC 60947-9-2:2021](https://webstore.iec.ch/publication/60114) | Low-voltage switchgear and controlgear - Part 9-2: Active arc-fault mitigation systems - Optical-based internal arc-detection and mitigation devices |
|  | [IEC 60999-2:2003](https://webstore.iec.ch/publication/4119) | Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 2: Particular requirements for clamping units for conductors above 35 mm2 up to 300 mm2 (included) |
|  | [IEC 61095:2009](https://webstore.iec.ch/publication/4493) | Electromechanical contactors for household and similar purposes |
|  | [IEC TR 61912-1:2007](https://webstore.iec.ch/publication/6093) | Low-voltage switchgear and controlgear - Overcurrent protective devices - Part 1: Application of short-circuit ratings |
|  | [IEC TR 61912-2:2009](https://webstore.iec.ch/publication/6094) | Low-voltage switchgear and controlgear - Over-current protective devices - Part 2: Selectivity under over-current conditions |
|  | [IEC 61915-1:2007](https://webstore.iec.ch/publication/6096) | Low-voltage switchgear and controlgear - Device profiles for networked industrial devices - Part 1: General rules for the development of device profiles |
|  | [IEC 61915-2:2011](https://webstore.iec.ch/publication/6098) | Low-voltage switchgear and controlgear - Device profiles for networked industrial devices - Part 2: Root device profiles for starters and similar equipment |
|  | [IEC 62026-1:2019](https://webstore.iec.ch/publication/61954) | Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 1: General rules |
|  | [IEC 62026-2 : 2008+AMD1:2019 CSV](https://webstore.iec.ch/publication/65473) | Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i) |
|  | IEC 62026-3:2014 | Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 3: DeviceNet |
|  | [IEC 62026-7:2010](https://webstore.iec.ch/publication/6318) | Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 7: CompoNet |
|  | [IEC 62091:2007](https://webstore.iec.ch/publication/6452) | Low-voltage switchgear and controlgear - Controllers for drivers of stationary fire pumps |
|  | [IEC 62626-1:2014](https://webstore.iec.ch/publication/7274) | Low-voltage switchgear and controlgear enclosed equipment - Part 1: Enclosed switch-disconnectors outside the scope of IEC 60947-3 to provide isolation during repair and maintenance work |
|  | [IEC TR 63054:2017](https://webstore.iec.ch/publication/27153) | Low-voltage switchgear and controlgear - Fire risk analysis and risk reduction measures |
|  | [IEC TR 63216:2019](https://webstore.iec.ch/publication/63861) | Low-voltage switchgear and controlgear - Electromagnetic compatibility assessment for switchgear and controlgear and their assemblies |

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| **SC 121B**  |
| **SL.NO** | **Doc. No** | **Title** |
|  | [IEC TR 60890:2022](https://webstore.iec.ch/publication/66007) | A method of temperature-rise verification of low-voltage switchgear and controlgear assemblies by calculation |
|  | [IEC TR 61641:2014](https://webstore.iec.ch/publication/5680) | Enclosed low-voltage switchgear and controlgear assemblies - Guide for testing under conditions of arcing due to internal fault |
|  | [IEC 62208:2011](https://webstore.iec.ch/publication/6587) | Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements |
|  | [IEC TS 63107:2020](https://webstore.iec.ch/publication/33605) | Integration of internal arc-fault mitigation systems in power switchgear and controlgear assemblies (PSC‑Assemblies) according to IEC 61439-2 |

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| **SC 23E**  |
| **SL.NO** | **Doc. No** | **Title** |
|  | [IEC 60755:2017](https://webstore.iec.ch/publication/33927) | General safety requirements for residual current operated protective devices |
|  | [IEC 60755-1:2022](https://webstore.iec.ch/publication/64359) | General safety requirements for residual current operated protective devices - Part 1: Residual current operated protective devices for DC systems |
|  | [IEC 60934:2019](https://webstore.iec.ch/publication/33235) | Circuit breakers for equipment (CBE) |
|  | [IEC 61008-2-1:1990](https://webstore.iec.ch/publication/4265) | Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's). Part 2-1: Applicability of the general rules to RCCB's functionally independent of line voltage |
|  | [IEC 61008-2-2:1990](https://webstore.iec.ch/publication/4266) | Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's). Part 2-2: Applicability of the general rules to RCCB's functionally dependent on line voltage |
|  | [IEC 61540:1997+AMD1:1998 CSV](https://webstore.iec.ch/publication/5554) | Electrical accessories - Portable residual current devices without integral overcurrent protection for household and similar use (PRCDs) |
|  | [IEC 62020-1:2020](https://webstore.iec.ch/publication/34061) | Electrical accessories - Residual current monitors (RCMs) - Part 1: RCMs for household and similar uses |
|  | [IEC TR 62350:2006](https://webstore.iec.ch/publication/6902) | Guidance for the correct use of residual current-operated protective devices (RCDs) for household and similar use |
|  | [IEC 62423:2009](https://webstore.iec.ch/publication/6998) | Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses |
|  | [IEC TR 62710:2015](https://webstore.iec.ch/publication/22386) | Residual current devices (RCDs) associated with additional functions(s) |
|  | [IEC 62873-1:2017+AMD1:2020 CSV](https://webstore.iec.ch/publication/67967) | Residual current operated circuit-breakers for household and similar use - Part 1: Outline of blocks and modules for residual current device standards |
|  | [IEC 62873-2:2016](https://webstore.iec.ch/publication/25837) | Residual current operated circuit-breakers for household and similar use - Part 2: Residual current devices (RCDs) - Vocabulary |
|  | IEC 62873-3-1:2020 | Residual current operated circuit-breakers for household and similar use - Part 3-1: Particular requirements for devices with screwless-type terminals for external copper conductors |
|  | [IEC 62873-3-2:2020](https://webstore.iec.ch/publication/64269) | Residual current operated circuit-breakers for household and similar use - Part 3-2: Particular requirements for devices with flat quick-connect terminations |
|  | [IEC 62873-3-3:2022](https://webstore.iec.ch/publication/64270) | Residual current operated circuit-breakers for household and similar use - Part 3-3: Specific requirements for devices with screw-type terminals for external untreated aluminium conductors and with aluminium screw-type terminals for use with copper or with aluminium conductors |
|  | [IEC 63024:2017](https://webstore.iec.ch/publication/27837) | Requirements for automatic reclosing devices (ARDs) for circuit breakers, RCBOs-RCCBs for household and similar uses |
|  | [IEC 63052:2019](https://webstore.iec.ch/publication/26395) | Power frequency overvoltage protective devices (POPs) for household and similar applications |
|  | [IEC TS 63053:2017](https://webstore.iec.ch/publication/27795) | General requirements for residual current operated protective devices for DC system |