BUREAU OF INDIAN STANDARDS

Program of Work

ETD 7 : Low Voltage Switchgear And Controlgear

Scope: To prepare standards for switchgear and controlgear such as circuit breakers, switches, contactors, starters, disconnectors, bus bars, fuse combination units and semiconductors connectors and any switchgear assemblies for voltages upto and including 1 000 V ac or 1 200 V dc

Liaison: **IEC TC-23 SC-23E (P):** *Circuit-breakers and similar equipment for household use* **IEC TC-121 (P):** *Switchgear and controlgear and their assemblies for low voltage* **IEC TC-121 SC-121A (P):** *Low-voltage switchgear and controlgear* **IEC TC-121 SC-121B (P):** *Low-voltage switchgear and controlgear assemblies* **IEC TC-23 SC-23 (P):** *Circuit-breakers and similar equipment for household use* **IEC TC-121 (P):** *Switchgear and controlgear and their assemblies for low voltage* **IEC TC-121 SC-121 (P):** *Low-voltage switchgear and controlgear* **IEC TC-121 SC-121 (P):** *Low-voltage switchgear and controlgear assemblies*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10027:2018	Composite units of air - Break switches and rewirable type fuses for voltages not exceeding 650 v a.c. - Specification (Second Revision)	July, 2023	-	Indigenous
2	IS 12021:2015	Control transformers or switchgear and controlgear for voltages not exceeding 1000 v a.c. - Specification (First Revision)	November, 2020	-	Indigenous
3	IS 12640 (Part 4):2018 IEC 61008-2-2 : 1990 IEC 61008-2-2 : 1990	Residual Current Operated Circuit Breakers Without Integral Overcurrent Protection for Household and Similar Uses (RCCB's) Part 4 Applicability of the General Rules to RCCB's Functionally Dependent on Line Voltage	October, 2023	-	Identical under dual numbering
4	IS 12640 (Part 3):2018 IEC 61008-2-1 : 1990	Residual Current Operated Circuit - Breakers Without Integral Overcurrent Protection for Household and Similar Uses (RCCB's) Part 3 Applicability of the General Rule to RCCB 's Functionally Independent of Line Voltage	May, 2023	-	Identical under dual numbering
5	IS 12640 (Part 2):2016	Residual current operated circuit - Breakers with integral overcurrent	July, 2021	3	Identical under dual numbering

	IEC 61009-1 : 2012 IEC 61009-1 : 2012	protection for household and similar uses (Rcbos): Part 2 general rules			
6	IS 12640 (Part 1):2024 IEC 61008-1: 2013 IEC 61008-1: 2013	Residual current operated circuitBreakers without integral overcurrent protection for household and similar uses Rccbs: Part 1 general rules (Third Revision)		-	Identical under dual numbering
7	IS 14577:2022 IEC 61363-1:1998 IEC 61363-1:1998	Electrical installations of Ships and Mobile and Fixed offshore Units Part 1 Procedures for Calculating Short Circuit Currents in Three-Phase a.c. (First Revision)		-	Identical under dual numbering
8	IS 14614:2023 IEC 61543: 2022 IEC 61543: 2022	Residual current-operated protective devices RCDs for household and similar use Electromagnetic compatibility (First Revision)		-	Identical under dual numbering
9	IS 16463 (Part 12):2026 IEC 61643-12:2008	Low-voltage surge protective devices Part 12: Surge protective devices connected to low-voltage power systems Selection and application principles First Revision		-	Identical under dual numbering
10	IS 16463 (Part 11):2016 IEC 61643-11 : 2011 IEC 61643-11:2011	Low - Voltage surge protective devices: Part 11 surge protective devices connected to low - Voltage power systems - Requirements and test methods	February, 2026	-	Identical under dual numbering
11	IS 17040:2018 IEC 62335 : 2008 IEC 62335 : 2008	Circuit Breakers â€" Switched Protective Earth Portable Residual Current Devices for Class I and Battery Powered Vehicle Applications	October, 2023	-	Identical under dual numbering
12	IS 17119:2019 IEC 62640 : 2015 IEC 62640 : 2015	Residual current devices with or without overcurrent protection for socket - Outlets for household and similar uses	April, 2024	-	Identical under dual numbering
13	IS 17120:2026 IEC 62752 : 2016	In-cable control and protection device IC-CPD for mode 2 charging of electric road vehicles (First Revision)		-	Identical under dual numbering
14	IS 17121:2019 IEC 62606 : 2017 IEC 62606 : 2017	General requirements for arc fault detection devices	April, 2024	-	Identical under dual numbering
15	IS 17122:2019 IEC 62019 : 2003 IEC 62019 : 2003	Electrical accessories - Circuit - Breakers and similar equipment for household use - Auxiliary contact units	March, 2024	-	Identical under dual numbering
16	IS/IEC 60715:2017 NULL IEC 60715 : 2017	Dimensions of low - Voltage switchgear and controlgear - Standardized mounting on rails for mechanical support of switchgear, controlgear and accessories (First Revision)	March, 2024	-	Identical under single numbering
17	IS/IEC 60898-2:2016 IEC 60898-2: 2016	Electrical accessories Circuit-breakers for overcurrent protection for household and similar	August, 2023	-	Identical under single numbering

	IEC 60898-2: 2016	installations Part 2: Circuit-breakers for AC and DC operation			
18	IS/IEC 60898-3:2019 IEC 60898-3:2019+ AMD1:2022 CSV IEC 60898-3:2019+ AMD1:2022 CSV	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation	August, 2022	-	Identical under dual numbering
19	IS/IEC 60898-1:2015 IEC 60898-1 : 2015 iec 60898	Electrical accessories - Circuit - Breakers for overcurrent protection for household and similar installations: Part 1 circuit - Breakers for a.c. operation (First Revision)	March, 2024	-	Identical under single numbering
20	IS/IEC 60947-3:2020 IEC 60947-3 : 2020 IEC 60947-3 : 2020	Low-Voltage Switchgear and Controlgear: Part 3 Switches Disconnectors Switch-Disconnectors and Fuse-Combination Units		-	Identical under single numbering
21	IS/IEC 60947-4-1):2018 IEC 60947-4-1: 2018 IEC 60947-4-1: 2018	Low-Voltage switchgear and controlgear : Part 4-1 Contactors and motor starters electromechanical contactors and motor-Starters	August, 2023	-	Identical under single numbering
22	IS/IEC 60947-5-1):2016 IEC 60947-5-1: 2016 IEC 60947-5-1: 2016	Low-Voltage Switchgear And Control Gear : Part 5-1 Control Circuit Devices And Switching Elements Electromechanical Control Circuit Devices		-	Identical under single numbering
23	IS/IEC 60947-4-1):2023 IEC 60947-4-1: 2018	Low-Voltage Switchgear and Controlgear Part 4 Contactors and Motor-Starters Section 1 Electromechanical Contactors and Motor-Starters		-	Identical under single numbering
24	IS/IEC 60947-7-1):2009 IEC 60947-7-1:2009 IEC 60947-7-1:2009	Low-voltage switchgear and controlgear Part 7 Ancillary equipment Section 1 Terminal blocks for copper conductors		-	Identical under single numbering
25	IS/IEC 60947-7-2):2009 IEC 60947-7-2:2009 IEC 60947-7-2:2009	Low-voltage switchgear and controlgear Part 7 Ancillary equipment Section 2 Protective conductor terminal blocks for copper Conductors		-	Identical under single numbering
26	IS/IEC 60947-4-2):2020 IEC 60947-4-2: 2020 IEC 60947-4-2: 2020	Low-Voltage switchgear and Controlgear: Part 4-2 Contactors and Motorstarters semiconductor motor controllers starters and Soft starters		-	Identical under single numbering
27	IS/IEC 60947-4-3):2020 IEC 60947-4-3: 2020 IEC 60947-4-3: 2020	Low-Voltage Switchgear And Controlgear: Part 4-3 Contactors And Motor-Starters Semiconductor Controllers And Semiconductor Contactors For Non-Motor Loads		-	Identical under single numbering
28	IS/IEC	LOW-VOLTAGE SWITCHGEAR		-	Identical under single

	60947-1:2020 IEC 60947-1:2020 IEC 60947-1:2020	AND CONTROLGEAR PART 1 GENERAL RULES			numbering
29	IS/IEC 60947-6-2):2020 IEC 60947-6-2: 2020 IEC 60947-6-2: 2020	Low-voltage switchgear and controlgear Part 6-2: Multiple function equipment Control and protective switching devices or equipment (CPS)		-	Identical under single numbering
30	IS/IEC 60947-6-1):2021 IS/IEC 60947-6-1:2021 IS/IEC 60947-6-1:2021	Low-voltage switchgear and controlgear Part 6 Multiple function equipment Section 1 Transfer switching equipment (First Revision)		-	Identical under single numbering
31	IS/IEC 60947-5-5):2016 IEC 60947-5-5 : 2016 IEC 60947-5-5 : 2016	Low - Voltage switchgear and controlgear: Part 5 control circuit devices and switching elements: Sec 5 electrical emergency stop devices with mechanical latching function	March, 2024	-	Identical under single numbering
32	IS/IEC 60947-2:2016 IEC 60947-2 : 2016 IS/IEC 60947 - 2 : 2016	Low - Voltage switchgear and controlgear: Part 2 circuit - Breakers (First Revision)	December, 2022	1	Identical under single numbering
33	IS/IEC 60947-5-2):2019 IEC 60947-5-2: 2019 IEC 60947-5-2: 2019	LLow-Voltage Switchgear and Controlgear Part 5 Control Circuit Devices and Switching Elements Section 2 Proximity Switches (First Revision)	August, 2023	-	Identical under single numbering
34	IS/IEC 60947-5-1):2024 IEC 60947-5-1: 2016	Low-Voltage Switchgear and Controlgear Part 5 Control Circuit Devices and Switching Elements Section 1 Electromechanical Control Circuit Devices (Third Revision)		-	Identical under single numbering
35	IS/IEC/TS 61439-7:2023 IEC 61439-7:2022 IEC 61439-7:2022	Low-voltage switchgear and controlgear assemblies Part 7: Assemblies for specific applications such as marinas camping sites market squares electric vehicle charging stations (First Revision))		-	Identical under single numbering
36	IS/IEC 61439-2:2020 IEC 61439-2:2020 IEC 61439-2:2020	Low-voltage switchgear and controlgear assemblies Part 2: Power switchgear and controlgear assemblies (First Revision)		-	Identical under single numbering
37	IS/IEC 61439-1:2020 IEC 61439-1:2020 IEC 61439-1:2020	Low-voltage switchgear and controlgear assemblies Part 1: General rules (First Revision)		-	Identical under single numbering
38	IS/IEC 61439:2014 IEC 61439-0:2014	Low-Voltage Switchgear and Controlgear Assemblies Part 0 Guidance to Specifying Assemblies	March, 2024	-	Identical under single numbering
39	IS/IEC 61439-3:2024	Low-voltage switchgear and controlgear assemblies Part 3:		-	Identical under single numbering

	IEC 61439-3 : 2012	Distribution boards intended to be operated by ordinary persons DBO First Revision			
40	IS/IEC 61439-4:2024 IEC 61439-4 : 2012	Low-Voltage Switchgear and Controlgear Assemblies Part 4: Particular requirements for assemblies for construction sites ACS First Revision		-	Identical under single numbering
41	IS/IEC 61439-5:2023 IEC 61439 - 5 : 2014	Low-voltage switchgear and controlgear assemblies Part 5: Assemblies for power distribution in public networks First Revision		-	Identical under single numbering
42	IS/IEC 61439-6:2012 IEC 61439-6 : 2012 IEC 61439-6 : 2012	Low-Voltage Switchgear and Controlgear Assemblies Part 6 Busbar Trunking Systems (Busways)	May, 2024	-	Identical under dual numbering
43	IS 8588 (Part 1):1977 Decision taken to Reaffirm and Archive DIN 1715	Specification for thermostatic bimetals: Part 1 general requirements and methods of tests	January, 2023	1	Modified/Technically Equivalent

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	ETD 7 (06727)	Low voltage surge protective devices Part 12 Surge Protective Devices Connected to low voltage power distribution systems- Selection and application principles
2	ETD 7 (06785)	Low voltage Switchgear and control gear Assembilies- Part 6 Busbar Trunking Systems BUSWAYS

3	ETD 7 (06583) Revision of: IS 12640:2016	RESIDUAL CURRENT OPERATED CIRCUIT-BREAKERS WITH INTEGRAL OVERCURRENT PROTECTION FOR HOUSEHOLD AND SIMILAR USES RCBOs PART 1 GENERAL RULES
4	ETD 7 (06585)	LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLSIES PART 1 GENERAL RULES
5	ETD 7 (06334) Revision of: IS 12021:2015	CONTROL TRANSFORMERS FOR SWITCHGEAR AND CONTROLGEAR FOR VOLTAGES NOT EXCEEDING 1 000 V a c - SPECIFICATION First Revision
6	ETD 7 (06587)	Low - Voltage Surge Protective Devices - Part 11 Surge Protective Devices Connected to Low - Voltage Power Systems - Requirements and test Methods
7	ETD 7 (06586)	LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES - PART 2 POWER SWITCHGEAR AND CONTROLGEAR ASSEMBLIES
8	ETD 7 (06613) Revision of: IS/IEC 60947:2011	Low-Voltage Switchgear and Controlgear Part 4 - Contractors and Motor-Starters Section 2 ac Semiconductor Motor Controllers and Starters
9	ETD 7 (06614) Revision of: IS/IEC 60947:2014	Lowpvoltage switchgear and controlgear Part 4 AC semiconductor controllers and contactors for non-motor loads
10	ETD 7 (06582) Revision of: IS 12640:2016	Residual Current Operated Circuit-Breakers without Integral Overcurrent Protection for Household and Similar Uses RCBOs -Part 1 General Rules
11	ETD 7 (06725) Revision of: IS/IEC 60947:2012	Low-Voltage Switchgear and Controlgear - Part 4 Contractors and Motor-Starters - Section 1 Electromechanical Contactors and Motors-Starters
12	ETD 7 (06726)	Low-Voltage Switchgear and Controlgear - Part 5 Control Circuit Devices and Switching Elements - Section 1 Electromechanical Control Circuit Devices
13	ETD 7 (06729) Revision of: IS/IEC 60947:2016	Low-Voltage Switchgear and Controlgear - Part 2 Circuit Breakers
14	ETD 7 (06730) Revision of: IS/IEC 60947:2012	Lowpvoltage switchgear and controlgear Part 3 Switches disconnectors switch-disconnectors and fuse combination units
15	ETD 7 (06892)	Residual current operated circuit breakers without integral over current protection for household and similar RCCBs Part 3 Applicability of the general rules to rccbs Functionally independent of line voltage
16	ETD 7 (06893)	RESIDUAL CURRENT OPERATED CIRCUIT-BREAKERS WITHOUT INTEGRAL OVERCURRENT PROTECTIONFOR HOUSEHOLD AND SIMILAR USES RCCB S PART 4 APPLICABILITY OF THE GENERAL RULES TO RCCB S FUNCTIONALLY DEPENDENT ON LINE VOLTAGE
17	ETD 7 (10032) Revision of: IS/IEC 60898:2015	Circuit - breakers for overcurrent protection for household and similar installations Part 1 Circuit - breakers for ac operation First Revision
18	ETD 7 (10203)	AC Miniature Circuit-Breaker Boards for Voltages not Exceeding 1 000 V Amendment - 2
19	ETD 7 (11518) Revision of: IS/IEC 60898:2003	Electrical accessories Circuit-breakers for overcurrent protection for household and similar installations Part 2 Circuit-breakers for ac and dc operation
20	ETD 7 (11523) Revision of: IS/IEC 60947:2016	Low-voltage switchgear and controlgear Part 2 Circuit breakers
21	ETD 7 (11530) Revision of: IS/IEC 60947:2014	Low-voltage switchgear and controlgear Part 4 Contactors and motor-starters Section 3 ac Semiconductor motor controllers and contactors for non-motor loads
22	ETD 7 (11584) Revision of: IS 10027:2018	COMPOSITE UNITS OF AIR-BREAK SWITCHES AND REWIRABLE TYPE FUSES FOR VOLTAGES NOT EXCEEDING 650 V ac SPECIFICATION
23	ETD 7 (11591)	Residual Current Operated Circuit- Breakers Without Integral Overcurrent Protection for Household and Similar Uses RCCBs Part 1 General Rules Second Revision Amendment - 1
24	ETD 7 (11592)	Residual Current Operated Circuit-Breakers with Integral Overcurrent Protection for Household and Similar Uses RCBOs Part 2 General Rules Second Revision Amendment - 1
25	ETD 7 (12366)	Residual Current Operated Circuit- Breakers Without Integral Overcurrent Protection for Household and Similar Uses RCCBs Part 1 General Rules Second Revision Amendment - 1
26	ETD 7 (12486) Revision of: IS/IEC 60715:2017	Dimensions of low-voltage switchgear and controlgear Standardized mounting on rails for mechanical support of switchgear controlgear and accessories
27	ETD 7 (12489)	Low-voltage switchgear and controlgear assemblies Part 3 Distribution boards intended to be operated by ordinary persons DBO
28	ETD 7 (12490)	Low-voltage switchgear and controlgear assemblies Part 4 Particular requirements for assemblies for construction sites ACS
29	ETD 7 (12491)	Low-voltage switchgear and controlgear assemblies Part 5 Assemblies for power distribution in public networks
30	ETD 7 (12493)	In-cable control and protection device for mode 2 charging of electric road vehicles
31	ETD 7 (12495)	General requirements for arc fault detection devices

32	ETD 7 (12517)	Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses
33	ETD 7 (12520)	Low-voltage switchgear and controlgear Part 5 Control circuit devices and switching elements Section 5 Electrical emergency stop devices with mechanical latching function
34	ETD 7 (12522)	Low-voltage switchgear and controlgear Part 6 Multiple function equipment Section 1 Transfer switching equipment
35	ETD 7 (12540)	Low-voltage switchgear and controlgear Part 6 Multiple function equipment Section 2 Control and protective switching devices or equipment CPS
36	ETD 7 (12591)	Electrical accessories -Circuit-breakers and similar equipment for household use - Auxiliary contact units
37	ETD 7 (12790)	Residual Current Operated Circuit-Breakers with Integral Overcurrent Protection for Household and Similar Uses RCBOs Part 2 General Rules Second Revision Amendment - 3
38	ETD 7 (12873)	Circuit breakers - Switched protective earth portable residual current devices for class I and battery powered vehicle applications
39	ETD 7 (12874)	Low-voltage switchgear and controlgear assemblies Part 7 Assemblies for specific applications such as marinas camping sites market squares electric vehicles charging stations
40	ETD 7 (15018)	Residual current - Operated protective devices Rcds for household and similar use - Electromagnetic compatibility Amendment - 1
41	ETD 7 (15019)	Residual current - Operated protective devices Rcds for household and similar use - Electromagnetic compatibility Amendment - 1
42	ETD 7 (19612) Revision of: IS/IEC 60947:2007	LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR PART 1 GENERAL RULES
43	ETD 7 (19617)	Low - Voltage switchgear and controlgear Part 2 circuit - Breakers First Revision Amendment - 1
44	ETD 7 (19618) Revision of: IS/IEC 60947:2012	Low-Voltage Switchgear and Controlgear Part 3 Switches Disconnectors Switch-Disconnectors and Fuse-Combination Units
45	ETD 7 (19619) Revision of: IS/IEC 60947:2012	Low-Voltage switchgear and controlgear Part 4-1 Contactors and motor starters electromechanical contactors and motor-Starters
46	ETD 7 (19620) Revision of: IS/IEC 60947:2011	Low-Voltage switchgear and Controlgear Part 4-2 Contactors and Motorstarters semiconductor motor controllers starters and Soft starters
47	ETD 7 (19621) Revision of: IS/IEC 60947:2014	Low-Voltage Switchgear And Controlgear Part 4-3 Contactors And Motor-Starters Semiconductor Controllers And Semiconductor Contactors For Non-Motor Loads
48	ETD 7 (19622) Revision of: IS/IEC 60947:2009	Low-Voltage Switchgear And Control Gear Part 5-1 Control Circuit Devices And Switching Elements Electromechanical Control Circuit Devices
49	ETD 7 (19623) Revision of: IS/IEC 60947:2007	LLow-Voltage Switchgear and Controlgear Part 5 Control Circuit Devices and Switching Elements Section 2 Proximity Switches First Revision
50	ETD 7 (21504)	In - Cable control and protection device for mode 2 charging of electric road vehicles Ic - Cpd Amendment - 1
51	ETD 7 (21507) Revision of: IS/IEC 60898:2003	Electrical accessories Circuit-breakers for overcurrent protection for household and similar installations Part 2 Circuit-breakers for AC and DC operation
52	ETD 7 (21510) Revision of: IS/IEC 60947:2013	Low-voltage switchgear and controlgear Part 6 Multiple function equipment Section 1 Transfer switching equipment First Revision
53	ETD 7 (21514) Revision of: IS/IEC 60947:2007	Low-voltage switchgear and controlgear Part 6-2 Multiple function equipment Control and protective switching devices or equipment CPS
54	ETD 7 (21523) Revision of: IS 14577:1998	Electrical installations of Ships and Mobile and Fixed offshore Units Part 1 Procedures for Calculating Short Circuit Currents in Three-Phase a c First Revision
55	ETD 7 (21525) Revision of: IS 14614:1998	Residual current-operated protective devices RCDs for household and similar use Electromagnetic compatibility First Revision
56	ETD 7 (21528)	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3 Circuit-breakers for DC operation
57	ETD 7 (21531) Revision of: IS/IEC 61439:2011	Low-voltage switchgear and controlgear assemblies Part 1 General rules First Revision
58	ETD 7 (21532) Revision of: IS/IEC 61439:2011	Low-voltage switchgear and controlgear assemblies Part 2 Power switchgear and controlgear assemblies First Revision
59	ETD 7 (21534) Revision of: IS/IEC/TS 61439:2014	Low-voltage switchgear and controlgear assemblies Part 7 Assemblies for specific applications such as marinas camping sites market squares electric vehicle charging stations First Revision
60	ETD 7 (23677) Revision of: IS 12640:2016	Residual current operated circuitBreakers without integral overcurrent protection for household and similar uses Rccbs Part 1 general rules Third Revision
61	ETD 7 (24761)	Low-voltage switchgear and controlgear Part 7 Ancillary equipment Section 1 Terminal blocks for copper conductors

62	ETD 7 (24762)	Low-voltage switchgear and controlgear Part 7 Ancillary equipment Section 2 Protective conductor terminal blocks for copper Conductors
63	ETD 7 (26310) Revision of: IS 16463:2017	Low-voltage surge protective devices Part 12 Surge protective devices connected to low-voltage power systems Selection and application principles First Revision
64	ETD 7 (26312) Revision of: IS 17120:2019	In-cable control and protection device IC-CPD for mode 2 charging of electric road vehicles First Revision
65	ETD 7 (26313) Revision of: IS/IEC 60947:2012	Low-Voltage Switchgear and Controlgear Part 4 Contactors and Motor-Starters Section 1 Electromechanical Contactors and Motor-Starters
66	ETD 7 (26314) Revision of: IS/IEC 60947:2016	Low-Voltage Switchgear and Controlgear Part 5 Control Circuit Devices and Switching Elements Section 1 Electromechanical Control Circuit Devices Third Revision
67	ETD 7 (26316) Revision of: IS/IEC 61439:2012	Low-voltage switchgear and controlgear assemblies Part 3 Distribution boards intended to be operated by ordinary persons DBO First Revision
68	ETD 7 (26317) Revision of: IS/IEC 61439:2012	Low-Voltage Switchgear and Controlgear Assemblies Part 4 Particular requirements for assemblies for construction sites ACS First Revision
69	ETD 7 (26318) Revision of: IS/IEC 61439:2014	Low-voltage switchgear and controlgear assemblies Part 5 Assemblies for power distribution in public networks First Revision

Total Published Standards:39 Total Standards Under development:69

Aspect Wise Report

Product : 31
Code of Practices : 1
Methods of Test : 2
Terminology : 0
Dimensions : 1
System Standard : 0
Safety Standard : 4
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10705:1983	Identification Of Terminals Of Contactors And Associated Overload Relays
2	IS 11039:2001	Requirements for mounting on rails in switchgear and controlgear installations
3	IS 12640 (Part 2):2008 EC 61009-1 ISO 12619-3: 2014	Residual Current Operaed Circuit - Breaking for Household and Similar Uses - Part 2 Circuit - Breakers with Integral Overcurrent Protection RCVOs
4	IS 12974:1990	Semiconductor Contactors
5	IS 13032:1991	Ac miniature circuit - Breaker boards for voltages not exceeding 1000 v - Specification
6	IS 1336:1959	Recommendations for the Colour of Push-buttons
7	IS 13947 (Part 5/Sec 2):2004 IEC 60947-5-2(1 999)	Low - Voltage switchgear and controlgear - Specification Part 5 control circuit devices and switching elements Sec 2 proximity switches
8	IS 13947 (Part 1):1993	Low-voltage Switchgear and Controlgear - Part 1 General Rules
9	IS 13947 (Part 2):1993	Low-voltage Switchgear and Controlgear - Part 2 Circuit Breakers
10	IS 13947 (Part 3):1993	Low-voltage Switchgear and Controlgear - Part 3 Switches Disconnectors Switch Disconnectors and Fuse Combination Units
11	IS 13947 (Part 4/Sec	Low-Voltage Switchgear and Controlgear - Part 4 Contractors and Motor-Starters - Section 1

	1):1993	Electromechanical Contactors and Motor Starters
12	IS 13947 (Part 5/Sec 1):2004	Low-Voltage Switchgear and Controlgear - Part 5 Control Circuit Devices and Switching Elements - Section 1 Electromechanical Control Circuit Devices
13	IS 1567:1960	Metal-clad switches current rating not exceeding 100 amperes
14	IS 1822:1967	AC motor starters of voltage not exceeding 1000 volts
15	IS 2516 (Part 1/Sec 1):1985	Circuit breakers Part 1 2 Requirements and tests Sec 1 Voltages not exceedding 1000 V ac or 1200 V dc
16	IS 2607:1967	Air-break isolators for voltages not exceeding 1000 volts
17	IS 2675:1983	Enclosed distribution fuseboards and cutouts for voltages not exceeding 1000 V Ac and 1200 V Dc
18	IS 2959:1985	Contractors for voltages not exceeding 1000 V ac or 1200 V dc
19	IS 3072:1975	Code of practice for installation and maintenance of switchgear
20	IS 3106:1996	Code of practice for selection installation maintenance of fuses voltage not exceeding 650 volts
21	IS 375:1963	Marking and arrangement for switchgears bus-bars main connections and auxiliary wiring
22	IS 3914:1967	Code of practice for selection of ac induction motor starts voltage not exceeding 1000 volts
23	IS 4047:1967	Specification for bitumen mastic for use in water proofing of roofs First Revision
24	IS 4064 (Part 1):1978	Air-break switches air-break disconnectors air-break switch disconnectors and fuse-combination units for voltages not exceeding 1000V ac or 1200V dc Part 1 General requirements
25	IS 4064 (Part 2):1978	Air-break switches air-break disconnectors air-break switch disconnectors and fuse-combination units for voltages not exceeding 1000V ac or 1200V dc Part 2 Specific requirements for the direct switching of individual motors
26	IS 5039:1983	Specification for distribution pillars for voltages not exceeding 1000 V AC and 1200 V DC First Revision
27	IS 5124:1969	Code of practice for installation and maintenance of ac induction motor starters voltage not exceeding 1000 V
28	IS 5987:1970	Code of practice for selection of switches voltage not exceeding 1000 V
29	IS/IEC 60898-1:2002 61496-4-3:2022	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations Part 1 Circuit-breakers for ac operation
30	IS 6875 (Part 1):1973	Control switches switching devices for control and auxiliary circuits including contactor relays for voltages up to and including 1000 V ac 1200 V dc Part 1 General requirements
31	IS 6875 (Part 2):1973	Control switches switching devices for control and auxiliary circuits including contactor relays for voltages up to and including 1000 V ac and 1200 V dc Part 2 Push-buttons and related control switches
32	IS 6875 (Part 3):1980	Control switches switching devices for control and auxiliary circuits including contactor relays for voltages up to and including 1 000 V ac and 1200 V dc Part 3 Rotary control switches
33	IS 8544 (Part 1):1977	Motor starters for voltages not exceeding 1 000 V Part 1 Direction line ac starters
34	IS 8544 (Part 2):1977	Motor starters for voltages not exceeding 1 000 V Part 2 Star-delta starters
35	IS 8544 (Part 3/Sec 1):1979	Motor starters for voltages not exceeding 1000 V Part 3 Rheostatic motor starters Sec 1 general requirements
36	IS 8544 (Part 3/Sec 2):1979	Motor starters for voltages not exceeding 1 000 V Part 3 Rheostatic motor starters Sec 2 Additional requirements for ac rheostatic motor controllers
37	IS 8544 (Part 4):1979	Motor starters for voltages not exceeding 1 000 V Part 4 Reduced voltage ac starters two step auto-transformer starters
38	IS 8623 (Part 1):1993	Low-Voltage Switchgear and Controlgear Assemblies - Part 1 Requirements for Type-Tested and Partially Type-Tested Assemblies

39	IS 8623 (Part 2):1993 IEC Pub 439-2 (1987)	Specification for low - Voltage switchgear and controlgear assemblies Part 2 particular requirements for busbar trunking systems Busways First Revision
40	IS 8623 (Part 3):1993 IEC Pub 439-3(1990)	Specification for low - Voltage switchgear and controlgear assemblies Part 3 particular requirements for equipment where unskilled persons have access for their use
41	IS 8828:1996	Electrical Accessories - Circuit Breakers for Over Current Protection for Household and Similar Installations

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10027:2018	Composite units of air - Break switches and rewirable type fuses for voltages not exceeding 650 v a c - Specification Second Revision
2	IS 12021:2015	Control transformers or switchgear and controlgear for voltages not exceeding 1000 v a c - Specification First Revision
3	IS 12640 (Part 1):2024 IEC 61008-1: 2013	Residual current operated circuitBreakers without integral overcurrent protection for household and similar uses Rccbs Part 1 general rules Third Revision
4	IS 12640 (Part 4):2018 IEC 61008-2-2 : 1990 IEC 61008-2-2 : 1990	Residual Current Operated Circuit Breakers Without Integral Overcurrent Protection for Household and Similar Uses RCCB 39 s Part 4 Applicability of the General Rules to RCCB 39 s Functionally Dependent on Line Voltage
5	IS 16463 (Part 11):2016 IEC 61643-11 : 2011 IEC 61643-11:2011	Low - Voltage surge protective devices Part 11 surge protective devices connected to low - Voltage power systems - Requirements and test methods
6	IS 16463 (Part 12):2026	Low-voltage surge protective devices Part 12 Surge protective devices connected to low-voltage power systems Selection and application principles First Revision
7	IS 17040:2018 IEC 62335 : 2008 IEC 62335 : 2008	Circuit Breakers Switched Protective Earth Portable Residual Current Devices for Class I and Battery Powered Vehicle Applications
8	IS 17119:2019 IEC 62640 : 2015 IEC 62640 : 2015	Residual current devices with or without overcurrent protection for socket - Outlets for household and similar uses
9	IS 17120:2026	In-cable control and protection device IC-CPD for mode 2 charging of electric road vehicles First Revision
10	IS 17121:2019 IEC 62606 : 2017 IEC 62606 : 2017	General requirements for arc fault detection devices
11	IS 17122:2019 IEC 62019 : 2003 IEC 62019 : 2003	Electrical accessories - Circuit - Breakers and similar equipment for household use - Auxiliary contact units
12	IS/IEC 60898-3:2019 IEC 60898-3:2019+AMD1:2022 CSV	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3 Circuit-breakers for DC operation
13	IS/IEC 60898-2:2016 IEC 60898-2: 2016	Electrical accessories Circuit-breakers for overcurrent protection for household and similar installations Part 2 Circuit-breakers for AC and DC operation
14	IS/IEC 60947-5-5):2016 IEC 60947-5-5 : 2016 IEC 60947-5-5 : 2016	Low - Voltage switchgear and controlgear Part 5 control circuit devices and switching elements Sec 5 electrical emergency stop devices with mechanical latching function
15	IS/IEC 60947-4-3):2020 IEC 60947-4-3: 2020 10349-4: 1992	Low-Voltage Switchgear And Controlgear Part 4-3 Contactors And Motor-Starters Semiconductor Controllers And Semiconductor Contactors For Non-Motor Loads
16	IS/IEC 60947-5-1):2024	Low-Voltage Switchgear and Controlgear Part 5 Control Circuit Devices and Switching Elements Section 1 Electromechanical Control Circuit Devices Third Revision
17	IS/IEC 60947-6-2):2020 IEC 60947-6-2: 2020	Low-voltage switchgear and controlgear Part 6-2 Multiple function equipment Control and protective switching devices or equipment CPS

18	IS/IEC 60947-2:2016 IEC 60947-2 : 2016 IS/IEC 60947 - 2 : 2016	Low - Voltage switchgear and controlgear Part 2 circuit - Breakers First Revision
19	IS/IEC 60947-3:2020 IEC 60947-3 : 2020	Low-Voltage Switchgear and Controlgear Part 3 Switches Disconnectors Switch-Disconnectors and Fuse-Combination Units
20	IS/IEC 60947-4-1):2023	Low-Voltage Switchgear and Controlgear Part 4 Contactors and Motor-Starters Section 1 Electromechanical Contactors and Motor-Starters
21	IS/IEC 60947-6-1):2021 IS/IEC 60947-6-1:2021	Low-voltage switchgear and controlgear Part 6 Multiple function equipment Section 1 Transfer switching equipment First Revision
22	IS/IEC 60947-7-1):2009 IEC 60947-7-1:2009	Low-voltage switchgear and controlgear Part 7 Ancillary equipment Section 1 Terminal blocks for copper conductors
23	IS/IEC 60947-5-2):2019 IEC 60947-5-2: 2019	LLow-Voltage Switchgear and Controlgear Part 5 Control Circuit Devices and Switching Elements Section 2 Proximity Switches First Revision
24	IS/IEC 60947-7-2):2009 IEC 60947-7-2:2009	Low-voltage switchgear and controlgear Part 7 Ancillary equipment Section 2 Protective conductor terminal blocks for copper Conductors
25	IS/IEC 60947-4-2):2020 IEC 60947-4-2: 2020 ISO 56007:2023	Low-Voltage switchgear and Controlgear Part 4-2 Contactors and Motorstarters semiconductor motor controllers starters and Soft starters
26	IS/IEC 61439-2:2020 IEC 61439-2:2020	Low-voltage switchgear and controlgear assemblies Part 2 Power switchgear and controlgear assemblies First Revision
27	IS/IEC 61439-3:2024	Low-voltage switchgear and controlgear assemblies Part 3 Distribution boards intended to be operated by ordinary persons DBO First Revision
28	IS/IEC 61439-6:2012 IEC 61439-6 : 2012 IEC 61439-6 : 2012	Low-Voltage Switchgear and Controlgear Assemblies Part 6 Busbar Trunking Systems Busways
29	IS/IEC 61439-4:2024	Low-Voltage Switchgear and Controlgear Assemblies Part 4 Particular requirements for assemblies for construction sites ACS First Revision
30	IS/IEC/TS 61439-7:2023 IEC 61439-7:2022	Low-voltage switchgear and controlgear assemblies Part 7 Assemblies for specific applications such as marinas camping sites market squares electric vehicle charging stations First Revision
31	IS/IEC 61439-5:2023	Low-voltage switchgear and controlgear assemblies Part 5 Assemblies for power distribution in public networks First Revision