



# Elenco controllato accreditamento scopo flessibile

Flexible scope accreditation - controlled list

**Schema di Certificazione**  
Certification scheme  
**PRD**

**Regole per il rilascio della certificazione di prodotto:**  
Rules to issue product certification:  
**Mod. 035: Regolamento ACAE per la certificazione di conformità delle apparecchiature elettriche**

**Aggiornato:**  
**Updated:**  
**20220914**

Comit. Tecn.	Prodotto/ Metodo	Sigla	Titolo	Anno-ultima edizione	Data di inserimento
Tech. Comm.	Product/ Method	Reference	Title	year-last revision	Entry date
7	Overhead electrical conductors	EN 50182	Conductors for overhead lines. Round wire concentric lay stranded conductors	2010	22/06/2020
9	Electrical equipment and systems for railways	IEC 60077-1	Railway applications - Electric equipment for rolling stock - Part 1: General service conditions and general rules	2017-2.0	24/11/2020
		IEC 60077-2	Railway applications - Electric equipment for rolling stock - Part 2: Electrotechnical components - General rules	2017-2.0	24/11/2020
		IEC 61373	Railway applications - Rolling stock equipment - Shock and vibration tests	2010-05	24/11/2020
11	Overhead lines	EN 50341-1	Overhead electrical lines exceeding AC 1 kV	2012	22/06/2020
		EN 50423-1	Overhead electrical lines exceeding AC 1 kV up to and including AC 45 kV Part 1: General requirements – Common specifications	2005	22/06/2020
		IEC 61284	Requirements and tests for fittings	1997- 2.0	22/06/2020
		ING MORS 01 (TERNA)	Prescrizioni per la costruzione, il collaudo e la fornitura di morsetteria A.T. per stazioni elettriche	2019-02	23/04/2021
		INS CM S 02 (TERNA)	Smorzatori di vibrazione	2019-01	08/07/2022
		LIN_000M3900_01 (TERNA)	Prescrizioni per la costruzione, il collaudo e la fornitura degli elementi di morsetteria per linee elettriche aeree A.T. con conduttori nudi	2016-1	22/06/2020
14	Power transformers	EN 50464-1	Three phase oil immersed distribution transformers 50 Hz up to 36 kV from 50 kVA to 2500 kVA	2007	22/06/2020
		EN 50588-1	Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV Part 1: General requirements	2017	22/06/2020
		IEC 60076-1	Power transformers - Part 1: General	2011- 3.0	22/06/2020
		IEC 60076-2	Power transformers - Part 2: Temperature rise for liquid-immersed transformers	2011- 3.0	22/06/2020
		IEC 60076-3	Power transformers - Part 3: Insulation levels, dielectric tests and external clearances in air	2013- 3.0	22/06/2020
		IEC 60076-4	Power transformers - Part 4: Guide to the lightning impulse and switching impulse testing - Power transformers and reactors	2002- 1.0	22/06/2020
		IEC 60076-5	Power transformers - Part 5: Ability to withstand short circuit	2006- 3.0	22/06/2020
		IEC 60076-6	Power transformers - Part 6: Reactors	2007- 1.0	22/06/2020
		IEC 60076-10	Power transformers - Part 10: Determination of sound levels	2016- 2.0	22/06/2020
		IEC 60076-11	Power transformers - Part 11: Dry-type transformers power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 1: General requirements	2018- 2.0	22/06/2020
		IEC 60076-13	Power transformers - Part 13: Self-protected liquid-filled transformers	2006- 1.0	22/06/2020
		FNH001 (ENEL)	EDIFICIOS PREFABRICADOS DE HORMIGÓN PARA CENTROS DE TRANSFORMACIÓN -TIPO SUPERFÍCIE	2021-9a	15/10/2021
		GST001 (ENEL)	MV/LV Transformers	2018-3	22/06/2020
		RSPT15-0079STS-PAC (TERNA)	Trasformatori trifase BT/BT di isolamento	2016-0	22/06/2020
17	High-voltage switchgear and controlgear and assemblies	IEC 62271-1	High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear	2017- 2.0	22/06/2020
		IEC 62271-100	High-voltage alternating current circuit-breakers	2021- 3.0	22/06/2020
		IEC 62271-101	High-voltage switchgear and controlgear - Part 101: Synthetic testing	2021- 3.0	22/06/2020
		IEC 62271-102	High-voltage alternating current disconnectors and hearing switches	2018- 2.0	22/06/2020
		IEC 62271-103	High-voltage switches for rated voltage above 1 kV and less than 52 kV	2021- 2.0	22/06/2020
		IEC 62271-104	High-voltage switches for rated voltage of 52 kV and above	2020- 3.0	22/06/2020
		IEC 62271-105	High-voltage alternating current switch-fuse combinations	2021- 3.0	22/06/2020
		IEC 62271-106	High-voltage alternating current contactors and contactor based motor-starters	2021- 2.0	22/06/2020
		IEC 62271-107	High-voltage switchgear and controlgear - Part 107: Alternating current fused circuit-switchers for rated voltages above 1 kV up to and including 52 kV	2019- 3.0	22/06/2020
		IEC 62271-111	High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV	2019-03	04/12/2020
		IEC 62271-200	Metal enclosed switchgear and controlgear for rated voltages up to and including 36 kV	2021- 3.0	22/06/2020
		IEC 62271-201	High-voltage switchgear and controlgear - Part 201: AC solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV	2014- 2.0	22/06/2020
		IEC 62271-202	High-voltage/low voltage prefabricated substations	2014- 2.0	22/06/2020
		IEC 62271-203	Gas-insulated metal enclosed switchgear for rated voltages above 52 kV	2011- 2.0	22/06/2020
		IEC 62271-205	Compact switchgear assemblies for rated voltages above 52 kV	2008- 1.0	22/06/2020
		IEC TS 62271-210	High-voltage switchgear and controlgear - Part 210: Seismic qualification for metal enclosed and solid-insulation enclosed switchgear and controlgear assemblies for rated voltages above 1 kV and up to and including 52 kV	2013- 1.0	22/06/2020
		IEC TS 62271-304	High-voltage switchgear and controlgear - Part 304: Design classes for indoor enclosed switchgear and controlgear for rated voltages above	2019- 2.0	22/06/2020
		16965 (ESB)	Portable Earthing and Short-Circuiting Devices	2019-5.0	04/12/2020
		DNN-ET-205 (ENEL)	Equipos de proteccion y manobra de media tension 20kV – Para interior	2018-02	04/12/2020
		DJ1123A (ENEL)	Calotte in materiale organico per isolatori passanti DJ1123	2020-00	26/02/2021
		DY5 (ENEL)	Interruttori tripolari in esafluoruro di zolfo 145-170 kV per cabine primarie	2007-03	04/12/2020
		DY0074A (ENEL)	Cabine primarie Impianti di potenza MT Sezione Y-Apparecchiature	2005-2	22/06/2020
		DY106 (ENEL)	Moduli ibridi xxxxxx	2009-3	22/06/2020
		DY501 (ENEL)	Interruttori tripolari estraibili a tensione nominale 17,5 e 24 kV	1987-02	26/02/2021
		DY505 (ENEL)	Interruttori MT tripolari in vuoto estraibili a traslazione verticale Vn=17,5 e 24 kV per quadro compatto isolato in aria	2007-09	26/02/2021
		DY525 (ENEL)	Interruttori tripolari con tensione nominale di 24kV per scomparti MT a giorno	2018-00	04/12/2020
		DY561 (ENEL)	Cartucce per fusibili di media tensione per interno	2000-02	04/12/2020
		DY734 (ENEL)	Cabine primarie - Carrelli trasformatori di tensione estraibili a traslazione verticale per interno per quadro 24 kV compatto isolato in aria	2007-04	29/11/2021
		DY735 (ENEL)	Cabine primarie Carrello di messa a terra del sistema di sbarre per quadro 24kV compatto isolato in aria	2012-02	29/11/2021
		DY800 (ENEL)	Apparecchiature prefabbricate 24 kV con involucro metallico a tenuta d'arco interno con interruttore (ICS)	2015-4	22/06/2020
		DY803 (ENEL)	Apparecchiature prefabbricate 24 kV con involucro metallico a tenuta d'arco interno con IMS isolato in SF6 per cabine secondarie	2014-6	22/06/2020
		DY808 (ENEL)	Cabine secondarie. Apparecchiature prefabbricate con involucro metallico isolante in SF6 quadro di trasformatori di misura utente MT	2012-3	22/06/2020
		DY900 (ENEL)	Apparecchiature prefabbricate 24 kV con involucro metallico isolate in esafluoruro di zolfo (SF6) con interruttore	2012-2	22/06/2020
		DY907 (ENEL)	Apparecchiature prefabbricate 24 kV con involucro metallico a tenuta d'arco interno con TV autoprotetto per cabine secondarie	2019-2	30/05/2021
		DY1000 (ENEL)	Prescrizione per il collaudo di interruttori di manovra-sezionatori di media tensione per interno isolati in aria e in contenitori isolati in SF6 per quadri per cabine secondarie e apparecchi da palo	2002-02	04/12/2020
		DY1050 (ENEL)	Prescrizioni per la costruzione della motorizzazione alimentata a 24Vcc per cabina secondaria	2014-06	04/12/2020
		DY1100 (ENEL)	Prescrizione per il collaudo di apparecchiature prefabbricate a 24 kV con involucro metallico per cabine secondarie	2002-1	22/06/2020
		DY1501 (ENEL)	Prescrizioni per il collaudo di interruttori 24 kV di tipo estraibile per impianti primari	2010-06	04/12/2020
		DY1502 (ENEL)	Cabine primarie Prescrizioni per la costruzione di interruttori tripolari estraibili a tensione nominale 17,5 e 24 kV	1985-01	01/04/2022
		DY1517 (ENEL)	Prescrizioni per il collaudo delle cartucce per fusibili di media tensione	2000-02	04/12/2020



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Tech. Comm.	Product/ Method	Reference	Title	year-last revision	Entry date
		DY3025 (ENEL)	Prescrizioni per il collaudo armadio rack contenitore di cassette per cabina secondaria	2012-01	28/03/2022
		E-MT-004 (LATAM)	Reconectores de distribucion aereos	2013-3.1	04/12/2020
		E-MT-023	Celdas de distribucion secundaria	2013-3.2	23/04/2021
		E-SE-008 (ENDESA)	Especificacion tecnica: Celdas de media tension para subestaciones de potencia	2020-6.1	27/09/2021
		FT-050_MAT (ENEL)	Sigurante fuzibile de medie tensiune de interior si exterior	2018-04	04/12/2020
		GSCM002 (ENEL)	MV Pole mounted circuit-breaker	2018-01	11/03/2022
		GSCM003 (ENEL)	MV Pole mounted switch-disconnectors	2016-0	22/06/2020
		GSCM004 (ENEL)	MV RMU	2019-00	04/12/2020
		GSH001 (ENEL)	HV Circuit-breakers	2017-02	04/12/2020
		GSH003 (ENEL)	HV Disconnectors and earthing switches with rated voltage from 72,5 kV to 245 kV	2019-03	04/12/2020
		GSM001 (ENEL)	MV RMU with switch-disconnector	2014-0	22/06/2020
		GSM003 (ENEL)	MV Pole Mounted Switch-Disconnectors	2014-	22/06/2020
		IEEE 693	IEEE Recommended Practice for Seismic - Design of Substations	2018	22/02/2021
		INGGIS001 (TERNA)	Apparecchiature prefabbricate con involucro metallico isolate con gas SF6 per tensioni nominali uguali o superiori a 72,5kV	2018-3	22/06/2020
		INGINT0001 (TERNA)	Interruttori ad alta tensione per tensioni nominali uguali o superiori a 72,5 kV	2017-05	04/12/2020
		INSASS01 (TERNA)	Sezionatori e sezionatori di terra per tensioni nominali uguali o superiori a 72,5 kV	2019-6	22/06/2020
		INS AP 5 01 (TERNA)	Apparecchiatura prefabbricata con involucro metallico con livello di isolamento nominale 40,5 kV	2022-00	14/09/2022
		SND 014 (ENDESA)	Equipo blindado de simple y doble barra con aislamiento en hexafluoruro de azufre (SF6) hasta 36 kV	2016-04	04/12/2020
		SNE 032 (ENDESA)	EQUIPO BLINDADO AISLADO CON SF6 CONFIGURACIÓN DE DOBLE BARRA O INTERRUPTOR Y MEDIO DE 55-66 Kv	2011-06	03/05/2021
		22	Power electronic systems and equipment	EN 50178	Electronic equipment for use in power installations
IEC 60146-1-1	Semiconductor converters - General requirements and line commutated converters - Part 1-1: Specification of basic requirements			2009- 4.0	22/06/2020
IEC 60146-1-3	Semiconductor convertors - General requirements and line commutated convertors - Part 1-3: Transformers and reactors			1991- 3.0	22/06/2020
IEC 60146-2	Semiconductor converters- Part 2: Self-commutated semiconductor converters including direct d.c. converters			1999- 2.0	22/06/2020
IEC 60950-1	Information technology equipment – Safety Part 1: General requirements			2005- 2.0	22/06/2020
IEC 61557-12	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures. Part 12: Performance measuring and monitoring devices (PMD)			2018- 2.0	22/06/2020
IEC 61800	Adjustable speed electrical power drive systems			2020	22/06/2020
IEC 62040-1	Uninterruptible power systems (UPS) - Part 1: General and safety requirements for UPS			2017- 2.0	22/06/2020
IEC 62040-2	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements			2016- 3.0	22/06/2020
IEC 62040-3	Uninterruptible power systems (UPS) - Part 3: Method of specifying the performance and test requirements			2021- 3.0	22/06/2020
IEC 62040-4	Uninterruptible power systems (UPS) - Part 4: Environmental aspects - Requirements and reporting			2013- 1.0	22/06/2020
IEC 62477-1	Safety requirements for power electronic converter systems and equipment - Part 1: General			2012- 1.0	22/06/2020
RSPT-150080STS-PAC (TERNA)	CONVERTITORE 110-132 Vcc			2016-0	22/06/2020
SRI INVTLC 01 (TERNA)	Inverter per apparati TLC da 3kVA			2020-01	04/12/2020
23	Electrical accessories			EN 50085-1	Cable trunking systems and cable ducting systems for electrical installation: General requirements
		IEC 60309-1	Plug,socket-outlets and couplers for industrial purposes - Part 1: General requirements	2021- 5.0	22/06/2020
		IEC 60309-2	Plug,socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for top pin and contact-tube accessories.	2021- 5.0	22/06/2020
		IEC 60669-1	Switches for household and similar fixed-electrical installations - Part 1: General requirements	2017- 4.0	22/06/2020
		IEC 60669-2-1	Switches for household and similar fixed-electrical installations - Part 2: Electronic switches	2021- 5.0	22/06/2020
		IEC 60755	General requirements for residual current operated protective devices	2017- 4.0	22/06/2020
		IEC 60898	Electrical accessories-Circuit-breakers for overcurrent protectio for household and similar installations Part 1:Circuitbreakers for a.c. operation	2019	22/06/2020
		IEC 61008-1	Residual current operated circuit-breakers without integral overcurrent protection for household and similar use (RCCB's) - Part 1: General rules	2010- 3.0	22/06/2020
		IEC 61008-2-1	Residual current operated circuit-brakers without integral overcurrent protection for household similar use (RCCB's) – Part 2-1: Applicability of the general rules to RCCB's functionally independent of line voltage	1990- 1.0	22/06/2020
		IEC 61008-2-2	Residual current operated circuit-breakers without integral overcurrent protection for household and similar use (RCCB's) - Part 2-2:Applicsibility of the general rules to RCCB's functionally dependent of line voltage	1990- 1.0	22/06/2020
		IEC 61009-1	Residual current operated circuit-breakers with integral overcurrent protection for household and similar use (RCBO's) – Part 1: General rules	2010- 3.0	22/06/2020
		IEC 61009-2-1	Residual current operated circuit-breakers with integral overcurrent protection for household and similar use (RCBO's) – Part 2-1: Applicability of general rules to RCBO's functionally independent of line voltage	1991- 1.0	22/06/2020
		IEC 61009-2-2	Residual current operated circuit-brakers with integral overcurrent protection for household and similar use (RCBO's) – Part 2-2: Applicability of general rules to RCBO's functionally dependent of line voltage	1991- 1.0	22/06/2020
		IEC 61210	Connecting devices - Flat quick-connect terminations for electrical copper conductors - Safety requirements	2010- 2.0	22/06/2020
		IEC 61386-1	Conduit systems for cable management - Part 1: General requirements	2008- 2.0	22/06/2020
IEC 61386-21	Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems	2021- 2.0	22/06/2020		
IEC 61386-22	Conduit systems for cable management - Part 22: Particular requirements - Pliable conduit systems	2021- 2.0	22/06/2020		
IEC 61386-23	Conduit systems for cable management - Part 23: Particular requirements - Flexible conduit systems	2021- 2.0	22/06/2020		
IEC 61386-24	Conduit systems for cable management - Part 24: Particular requirements - Conduit systems buried underground	2004- 1.0	22/06/2020		
IEC 62019	Electrical accessories circuit-breakers and similar equipment for household use - Auxiliary contact units	1999- 1.0	22/06/2020		
32	Fuses	IEC 60127	Miniature fuses	2018	22/06/2020
		IEC 60269-1	Low-voltage fuses - Part 1: General requirements	2006- 4.0	22/06/2020
		IEC 60269-2	Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons	2013- 5.0	22/06/2020
		IEC 60269-3	Low-voltage fuses - Part 3: Supplementary requirements for fuses for use by unskilled persons	2010- 4.0	22/06/2020
		IEC 60269-4	Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices	2009- 5.0	22/06/2020
		IEC 60282-1	High-voltage fuses-Part 1: Current- limiting fuses	2020- 8.0	22/06/2020
		IEC 60282-2	High-voltage fuses-Part 2: Expulsion fuses	2008- 3.0	22/06/2020
		IEC 60644	Specification for high-voltage fuse-links for motor circuit applications	2009- 2.0	22/06/2020
GSCLO04 (ENEL)	Low voltage fuses (NH Knife Blade Fuse System)	2016-0	22/06/2020		
33	Power capacitor	IEC 60358	Coupling capacitors and capacitor dividers	2018	22/06/2020
		IEC 60831-1	Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V	2014- 3.0	22/06/2020
		IEC 60831-2	Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V - Part 2: Ageing test, self-healing test and destruction test	2014- 3.0	22/06/2020
		IEC 60871	Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V	2014-4.0	22/06/2020



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36	Insulator	EN 50180-1	Bushings above 1 kV up to 52 kV and from 250 A to 3,15 kA for liquid filled transformers - Part 1: General requirements for bushings	2015	22/06/2020
		EN 50181	Bushings above 1kV up to 36kV and from 250A to 1250A for equipment other than liquid filled transformers	2010	22/06/2020
		EN 50243	Outdoor bushings for 24kV and 36kV, 5kA and 8kA for liquid filled transformers	2002	22/06/2020
		EN 50386	Bushings up to 1 kV and from 250A up to 5000A for liquid filled transformers	2010	22/06/2020
		EN 50387	Busbar bushings up to 1kV and from 1,25kA to 5kA for liquid filled transformers	2002	22/06/2020
		IEC 60137	Insulated bushings for alternating voltages above 1kV	2017- 7.0	22/06/2020
		IEC 60168	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltage greater than 1000V	2001- 4.2	22/06/2020
		IEC 60273	Characteristic of indoor and outdoor post insulators for systems with nominal voltages greater than 1000 V	1990- 3.0	22/06/2020
		IEC 60383-1	Insulators for overhead lines with a nominal voltage above 1000 V - Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria	1993- 4.0	22/06/2020
		IEC 60383-2	Insulators for overhead lines with a nominal voltage above 1000 V - Part 2: Insulator strings and insulator sets for a.c. systems - Definitions	1993- 1.0	22/06/2020
		IEC 61109	Insulators for overhead lines - Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria	2008- 2.0	22/06/2020
		IEC 61462	Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with rated voltage greater than 1 000 V - Definitions, test methods, acceptance criteria and design recommendations	2007- 1.0	22/06/2020
		IEC 61466-1	Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V - Part 1: Standard strength and end fittings	2016- 2.0	22/06/2020
		IEC 61466-2	Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V - Part 2: Dimensional and electrical	1998- 1.0	22/06/2020
		IEC 61952	Insulators for overhead lines - Composite line post insulators for A.C. systems with a nominal voltage greater than 1 000 V - Definitions, test	2008- 2.0	22/06/2020
		IEC 62199	Bushings for d.c. application	2004	22/06/2020
		IEC 62231	Composite station post insulators for substations with a.c. voltages greater than 1 000 V up to 245 kV - Definitions, test methods and acceptance criteria	2006- 1.0	22/06/2020
		GS002 (ENEL)	Hybrid modules	2019-3	22/06/2020
		INSCIS01 (TERNA)	Isolatori portanti e di manovra	2021-4	22/06/2020
		LIN_0000J18 (TERNA)	Funi ottiche - Parte generale isolatore rigido per la discesa isolata della fune di guardia con fibre ottiche	2015-1	22/06/2020
LIN_0000J21 (TERNA)	Linee 380 kV Isolatori a bastone in porcellana per mensole isolanti	2012-0	22/06/2020		
37	Surge arresters	IEC 60099-1	Surge arresters – Part 1: Non-linear resistor type gapped surge arresters for a.c. systems	1991	22/06/2020
		IEC 60099-4	Surge arresters: – Part 4 Metal oxide surge arresters without gaps for a.c. systems	2014- 3.0	22/06/2020
		IEC 60099-5	Surge arresters: – Part 5 Selection and application recommendation	2018- 3.0	22/06/2020
38	Instruments transformers	IEC 60044-4	Instrument transformers - Part 4: Measurement of partial discharges	1980	22/06/2020
		IEC 60044-7	Instruments transformers - Part 7: Electronic voltage transformers	1999- 1.0	22/06/2020
		IEC 60044-8	Instruments transformers - Part 8: Electronic current transformers	2002- 1.0	22/06/2020
		IEC 61869-1	Instrument transformers - Part 1: General requirements	2007- 1.0	22/06/2020
		IEC 61869-2	Instrument transformers - Part 2: Additional requirements for current transformers	2012- 1.0	22/06/2020
		IEC 61869-3	Instrument transformers - Part 3: Additional requirements for inductive voltage transformers	2011- 1.0	22/06/2020
		IEC 61869-4	Instrument transformers - Part 4: Additional requirements for combined transformers	2013- 1.0	22/06/2020
		IEC 61869-5	Instrument transformers - Part 5: Additional requirements for capacitor voltage transformers	2011- 1.0	22/06/2020
		IEC 61869-6	Instrument transformers - Part 6: Additional general requirements for low-power instrument transformers	2016- 1.0	06/08/2021
		IEC 61869-10	Instrument transformers - Part 10: Additional requirements for low-power passive current transformers	2017- 1.0	22/06/2020
		IEC 61869-11	Instrument transformers - Part 11: Additional requirements for low power passive voltage transformers	2017- 1.0	22/06/2020
		IEC 61869-15	Additional requirements for voltage transformers for DC applications	2018-1.0	06/08/2021
		GSCT003 (ENEL)	Self-protected voltage transformers Um 24 kV – Um 36 kV	2016-02	29/10/2021
		GSCT005 (ENEL)	Technical characteristics of LPTs for RGD/RGBAT	2019-02	06/10/2021
INSAAS01 (TERNA)	Trasformatori di corrente ad alta tensione ad affidabilità incrementata	2019-5	22/06/2020		
INSAV503 (TERNA)	Trasformatori induttivi di potenza TIP - Isolamento interno in SF6 ed esterno in composito	2011-04	24/11/2020		
57	Power systems management	IEC 60353	Line traps for a.c. power systems	1989- 2.0	22/06/2020
65	Industrial-process measurement and control	IEC 61131-1	Programmable controllers – Part 1: General informations	2003- 2.0	22/06/2020
		IEC 61131-2	Programmable controllers – Part 2: Equipment requirements and tests	2017- 4.0	22/06/2020
69	Electric road vehicles and electric industrial trucks	IEC 61851-1	Electric vehicle conductive charging system - Part 1: General requirements	2017- 3.0	22/06/2020
		IEC 61851-21	Electric vehicle conductive charging system - Part 21: Electric vehicle requirements for conductive connection to an a.c./d.c. supply	2020	22/06/2020
		IEC 61851-22	Electric vehicle conductive charging system - Part 22: AC electric vehicle charging station	2017	22/06/2020
		IEC 61851-23	Electric vehicle conductive charging system - Part 23: DC electric vehicle charging station	2014- 1.0	22/06/2020
		IEC 61851-24	Electric vehicle conductive charging system - Part 24: Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging	2014- 1.0	22/06/2020
70	Degree of protection by enclosures	IEC 62763	Pilot function through a control pilot circuit using PWM (pulse width modulation) and a control pilot wire	2013	22/06/2020
		IEC 60529	Degree of protection provided by enclosures (IP Code)	1989- 2.0	22/06/2020
72	Automatic electrical controls	IEC 60730	Automatic electrical controls	2019	22/06/2020
78	Live working	CEI EN 50508	Aste isolanti multiuso per operazioni elettriche su installazioni di alta tensione	2009- 1.0	17/09/2021
		IEC 60832-1	Insulating sticks and attachable devices – Part 1: Insulating sticks	2010- 1.0	22/06/2020
		IEC 60832-2	Insulating sticks and attachable devices – Part 2: Attachable devices	2010- 1.0	22/06/2020
		IEC 60855	Insulating foam-filled tubes and solid rods - Part 1: Tubes and rods of a circular cross-section	2016	22/06/2020
		IEC 60900	Lavori sotto tensione - Attrezzi manuali per tensioni fino a 1000 V in corrente alternata e 1500 V in corrente continua	2018- 4.0	22/06/2020
		IEC 60984	Sleeves of insulating material for live working	2014- 2.0	22/06/2020
		IEC 61111	Electrical insulating matting	2009- 2.0	22/06/2020
		IEC 61219	Earthing or earthing and short-circuit equipment using lances as a short-circuiting device Lance earthing	1993- 1.0	22/06/2020
		IEC 61229	Rigid protective covers for live working on a.c. installations	1993- 1.0	22/06/2020
		IEC 61230	Portable equipment for earthing or earthing and short- circuiting	2008- 2.0	22/06/2020
		IEC 61235	Insulating hollow tubes for electrical purposes	1993- 3.0	22/06/2020
		IEC 61243-1	Voltage detectors – Part 1: Capacitive type to be used for voltages exceeding	2021- 3.0	22/06/2020
		IEC 61243-5	Voltage detectors – Part 5: Voltage detecting systems (VDS)	1997- 1.0	22/06/2020
		IEC 61243-6	Guidelines on non-contact voltage detectors (NCVD) for use at nominal voltages above 1 kV AC	2017- 1.0	22/06/2020
		DY1811 (ENEL)	Quadri 24 kV isolati in SF6. Prescrizioni per la costruzione dei rivelatori di presenza/assenza tensione	1994-01	22/08/2021



# Elenco controllato accreditamento scopo flessibile

Flexible scope accreditation - controlled list

Schema di Certificazione Certification scheme PRD		Regole per il rilascio della certificazione di prodotto: Rules to issue product certification: Mod. 035: Regolamento ACAE per la certificazione di conformità delle apparecchiature elettriche			Aggiornato: Updated: 20220914	
Comit. Tecn.	Prodotto/ Metodo	Sigla	Titolo	Anno-ultima edizione	Data di inserimento	
Tech. Comm.	Product/ Method	Reference	Title	year-last revision	Entry date	
		MAT-HSE-SSL-18-010-ITA (ENEL)	EA0480 – Dispositivi mobili per la messa a terra e in c.to c.to di elementi di impianto AT ed MT in conduttori nudi di Cabina Primaria	2021-03	21/04/2021	
		MAT-HSE-SSL-20-43-DIS (ENEL)	EA0320 – Dispositivi componibili per la messa in sicurezza degli impianti MT/BT in conduttori nudi, in cavo e in cabine secondarie	2020-01	14/02/2022	
		RSPDPTE03 (TERNA)	Dispositivo di equipotenzialità	2015-2	22/06/2020	
		RX_XP002 (TERNA)	Dispositivo per l'indicazione di presenza di tensione con rilievo del campo elettrico	2018-03	22/02/2021	
82	Solar photovoltaic energy systems	IEC 62109-1	Safety of power converters for use in photovoltaic power systems - Part 1: General requirements	2010- 1.0	22/06/2020	
		IEC 62109-2	Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters	2011- 1.0	22/06/2020	
		IEC 60255	Measuring relays and protection equipment	2018	22/06/2020	
		IEC 60255-12	Electrical relays - Part 12: Directional relays and power relays with two input energizing quantities	1980- 1.0	22/06/2020	
		IEC 60255-13	Electrical relays - Part 13: Biased (percentage) differential relays	1980- 1.0	22/06/2020	
		IEC 60255-149	Measuring relays and protection equipment - Part 149: Functional requirements for thermal electrical relays	2013- 1.0	22/06/2020	
		IEC 60255-27	Measuring relays and protection equipment - Part 27: Product safety requirements	2013- 2.0	22/06/2020	
94/95	All-or-nothing electrical relays / Measuring relays and protection equipment	IEC 61733-1	Relè di misura e dispositivi di protezione - Interfaccia di protezione tra dispositivi di comunicazione Parte 1: Generalità	1995	22/06/2020	
		IEC 61811-1	Electromechanical telecom elementary relays of assessed quality - Part 1: Generic specification and blank detail specification	2015- 2.0	22/06/2020	
		IEC 61812-1	Time relays for industrial and residential use - Part 1: Requirements and tests	2011- 2.0	22/06/2020	
		IEC 62314	Solid-state relays	2006- 1.0	22/06/2020	
		GSTP001 (ENEL)	RGDAT-A70	2016-1	22/06/2020	
96	Small transformers, reactors and power supply units and special transformers, reactors and power supply units: safety requirements	IEC 61558-1	Safety of power transformers, power supply units and similar – Part 1: General requirements and tests	2017- 1.0	22/06/2020	
		IEC 61558-2-1	Safety of power transformers, power supplies, reactors and similar products - Part 2-1: Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications	2021- 3.0	22/06/2020	
		IEC 61558-2-4	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers	2021- 3.0	22/06/2020	
104	Environmental condition, classification and methods of test requirements	IEC 60068-2-6	Environmental testing – Part 2: Test FC Vibration (sinusoidal)	2007- 7.0	22/06/2020	
		DJ1203 (ENEL)	Prescrizioni per la prova di invecchiamento artificiale accelerato per la verifica della tenuta in atmosfera umida di componenti in materiale organico di tipo omogeneo per interno	1997-01	04/12/2020	
121	Switchgear and controlgear and their assemblies for low voltage	IEC 60947-1	Low voltage switchgear and controlgear - Part 1: General rules	2020- 6.0	22/06/2020	
		IEC 60947-2	Low voltage switchgear and controlgear - Part 2: Circuit breakers	2016- 5.0	22/06/2020	
		IEC 60947-3	Low voltage switchgear and controlgear - Part 3: Switch disconnectors, switch disconnectors and Fuse-combination units	2020- 4.0	22/06/2020	
		IEC 60947-4-1	Low voltage switchgear and controlgear - Part 4: Contactors and motor-starters-Section 1- Eletrotechnical contactors and motor-starters	2018- 4.0	22/06/2020	
		IEC 60947-4-2	Low voltage switchgear and controlgear - Part 4: Contactors and motor- starters-Section 2- AC semiconductor motor controllers and starters	2020- 4.0	22/06/2020	
		IEC 60947-4-3	Low voltage switchgear and controlgear - Part 4-3: AC semiconductor starters for non-motor loads	2020- 3.0	22/06/2020	
		IEC 60947-5-1	Low voltage switchgear and controlgear - Part 5: Control circuit devices and switching elements - Section 1- Elettromechanical control circuit devices	2016- 4.0	22/06/2020	
		IEC 60947-5-2	Low voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches	2019- 4.0	22/06/2020	
		IEC 60947-5-3	Low voltage switchgear and controlgear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions	2013- 2.0	22/06/2020	
		IEC 60947-5-5	Low voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching devices -Electrical emergency stop device with mechanical latching function	1997- 1.0	22/06/2020	
		IEC 60947-5-6	Low-voltage switchgear and controlgear - Part 5-6: Control circuit devices and switching elements - DC interface for proximity sensors and switching amplifiers (NAMUR)	1999- 1.0	22/06/2020	
		IEC 60947-5-8	Low-voltage switchgear and controlgear - Part 5-8: Control circuit devices and switching elements - Three-position enabling switches	2020- 2.0	22/06/2020	
		IEC 60947-5-9	Low-voltage switchgear and controlgear - Part 5-9: Control circuit devices and switching elements - Flow rate switches	2006- 1.0	22/06/2020	
		IEC 60947-6-1	Low voltage switchgear and controlgear - Part 6-1: Multiple function equipment-Section 1: Automatic transfer switching equipment	2021- 3.0	22/06/2020	
		IEC 60947-6-2	Low voltage switchgear and controlgear - Part 6-2: Multiple function equipment-Section 2: Control and protective switching device (CPS)	2020- 3.0	22/06/2020	
		IEC 60947-7-1	Low voltage switchgear and controlgear - Part 7-1: Ancillary equipment-Section 1:Terminal blocks for copper conductors	2009- 3.0	22/06/2020	
		IEC 60947-7-2	Low voltage switchgear and controlgear - Part 7-2: Ancillary equipment-Section 2:Protective conductor terminal blocks for copper conductors	2009- 3.0	22/06/2020	
		IEC 60947-7-3	Low voltage switchgear and controlgear - Part 7-3: Ancillary equipment-Section 7-3:Safety Requirements for fuse terminal blocks	2009- 2.0	22/06/2020	
		IEC 60947-7-4	Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment-PCB terminal blocks for copper conductors	2019- 2.0	22/06/2020	
		IEC 61095	Elettromechanical contactors for household and similar purposes	2009- 2.0	22/06/2020	
		IEC 61439-1	Low-voltage switchgear and controlgear assemblies– Part 1: General rules	2020- 3.0	22/06/2020	
		IEC 61439-2	Low-voltage switchgear and controlgear assemblies– Part 2: Power switchgear and controlgear assemblies	2020- 3.0	22/06/2020	
		IEC 61439-3	Low-voltage switchgear and controlgear assemblies – Part 3: Distribution boards intended to be operated by ordinary persons (DBO)	2012- 1.0	22/06/2020	
		IEC 61439-4	Low-voltage switchgear and controlgear assemblies – Part 4: Particular requirements for assemblies for construction sites (ACS)	2012- 1.0	22/06/2020	
		IEC 61439-5	Low-voltage switchgear and controlgear assemblies – Part 5: Assemblies for power distribution in public network	2014- 2.0	22/06/2020	
		IEC 61439-6	Low-voltage switchgear and controlgear assemblies – Part 6: Busbar trunking systems (busways)	2012- 1.0	22/06/2020	
		IEC 61439-7	Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicles charging stations	2018- 1.0	22/06/2020	
		IEC 61641	Enclosed low-voltage switchgear and controlgear assemblies - Guide for testing under conditions of arcing due to internal fault	2014- 3.0	22/06/2020	
		IEC 62208	Empty enclosures for low-voltage switchgear and controlgear-General requirements	2011- 2.0	22/06/2020	
		DMIA000190	Morsettiera BT per applicazioni Smart Grids di Monitoraggio, Telecontrollo e Automazione	2020-III	10/11/2021	
		DY818 (ENEL)	Prescrizioni funzionali, di costruzione e di collaudo del presenza tensione su interruttori BT per cabina secondaria	2016-04	04/12/2020	
		DY1053 (ENEL)	Prescrizione funzionali, di costruzione e di collaudo degli interruttori BT	2016-02	10/11/2021	
		DY3501 (ENEL)	Prescrizioni per il collaudo di interruttori tetrapolari automatici con comando manuale per reti di distribuzione di bassa tensione	2012-06	04/12/2020	
		GSCL003 (ENEL)	Automatic four-pole circuit-breakers with 40 A ÷ 630 A rated current for secondary substations	2016-00	04/12/2020	
		GSCL003A (ENEL)	Automatic four-pole circuit-breakers with 40 A ÷ 630 A rated current for secondary substations	2020-06	22/11/2021	
		CEI 0-16	Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti AT e MT delle imprese distributrici di energia elettrica	2019-04	22/06/2020	
		CEI 0-21	Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica	2019-04	22/06/2020	
	Connessione alle reti					

		<b>Elenco controllato accreditamento scopo flessibile</b> <i>Flexible scope accreditation - controlled list</i>			
<b>Schema di Certificazione</b> <i>Certification scheme</i> <b>PRD</b>		<b>Regole per il rilascio della certificazione di prodotto:</b> <i>Rules to issue product certification:</i> <b>Mod. 035: Regolamento ACAE per la certificazione di conformità delle apparecchiature elettriche</b>			<b>Aggiornato:</b> <b>Updated:</b> <b>20220914</b>
Comit. Tec.	Prodotto/ Metodo	Sigla	Titolo	Anno-ultima edizione	Data di inserimento
<i>Tech. Comm.</i>	<i>Product/ Method</i>	<i>Reference</i>	<i>Title</i>	<i>year-last revision</i>	<i>Entry date</i>
<b>316</b>	elettriche di distribuzione Alta, Media e Bassa tensione	<b>SHAMS DUBAY (DEWA)</b> <b>Saudi Electricity Company (SEC)</b>	Standards for distributed renewable resources generators connected to the distribution network  Sustainable Integration of Renewable Energy Sources (Solar PV) with SEC Distribution Network Low Voltage and Medium Voltage.  Technical Standards for the Connection of small-scale solar PV systems to the LV and MV Distribution Networks of SEC	2016-2  2.5	22/06/2020  22/06/2020
<b>Fine del documento / End of document</b>					