

Elenco controllato per scopo flessibile ACCREDIA n. 00026 Inspection REV. 001

Controlled list to flexible scope ACCREDIA n. 00026 Inspection REV. 001

Data di pubblicazione dell’elenco e revisione: 2025/08/13 - Rev. 15

Release date of the list and revision: 2025/08/13 - Rev. 15

Regolamento: SCHEMA CESI-ISPEZIONI riferimento ISI-GIC-2008

Regulations: CESI-INSPECTION SCHEME reference ISI-GIC-2008

Ispezione di tipo A nei seguenti settori:

| Categoria  | Settore                                                                                                                                                                            | Campo                                    | Stadio                        |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------|
| - Prodotto | <div><div>- Elettrico</div><div>- Elettronico</div><div>Subsettore:</div><div>- Prodotti elettrici ed elettronici</div><div>- Manufatti relativi ad impianti elettrici</div></div> | - Ispezioni sui prodotti e sui manufatti | - Al termine della produzione |

Inspection of type A in the following sectors:

| Category  | Field                                                                                                                                                                                   | Range                                            | Stage                      |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------|
| - Product | <div><div>- Electrical</div><div>- Electronic</div><div>Subfield:</div><div>- Electric and electronic products</div><div>- Manufactured articles relevant to electric parts</div></div> | - Inspections on products and manufactured goods | - At the end of production |

| Requisiti / Requirements                                |                                                                                                                                                         |                                                                                                                                                                                                                                                 |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPARECCHIATURE E COMPONENTI ELETTRICI DI ALTA TENSIONE |                                                                                                                                                         |                                                                                                                                                                                                                                                 |
| High-voltage electrical apparatus and components        |                                                                                                                                                         |                                                                                                                                                                                                                                                 |
| A.                                                      | Apparecchi di manovra<br>Switchgear                                                                                                                     |                                                                                                                                                                                                                                                 |
|                                                         | Interruttori c.a. > 1000 V<br>A.C. circuit-breakers >1000 V                                                                                             | IEC 62271-1: 2017 (CEI, EN) (2021/03/25)<br>IEC 62271-1: 2021 (CEI, EN) (2025/06/11)<br>IEC 62271-100: 2017 (CEI, EN)<br>IEC 62271-100: 2021 (CEI, EN) (2023/03/28)<br>IEC 62271-101: 2017 (CEI, EN)<br>ENEL GSCM004 Rev. 00: 2019 (2021/10/12) |
|                                                         | Sezionatori e sezionatori di terra c.a. >1000 V<br>A.C. disconnectors and earthing switches > 1000 V                                                    | IEC 62271-102: 2018 (CEI, EN)<br>GE GRID SOLUTIONS NTC-6789 Rev. AB: 2018<br>RTE NT-DI-CNER-DP-APS-18-00099-1 Rev. 01: 2019 (2021/12/06)                                                                                                        |
|                                                         | Interruttori di manovra sezionatori c.a. >1000 V<br>A.C. switches > 1000 V                                                                              | IEC 62271-103: 2011 (CEI, EN)<br>IEC 62271-103: 2021 (CEI, EN) (2025/05/07)<br>IEC 62271-104: 2015 (CEI, EN)<br>IEC 62271-104: 2020 (CEI, EN) (2021/10/12)<br>TERNA INS AI S 02: 2020 (2023/03/28)                                              |
|                                                         | Combinati sezionatore-fusibile ed interruttore-fusibile c.a. > 1000 V<br>A.C. switch-fuse combinations > 1000 V                                         | IEC 62271-105: 2012 (CEI, EN)                                                                                                                                                                                                                   |
|                                                         | Contattori c.a. > 1000 V<br>A.C. contactors > 1000 V                                                                                                    | IEC 62271-106: 2011 (CEI, EN)                                                                                                                                                                                                                   |
| B.                                                      | Fusibili<br>Fuses                                                                                                                                       |                                                                                                                                                                                                                                                 |
|                                                         | Fusibili limitatori c.a. > 1000 V<br>A.C. limiting fuses > 1000 V                                                                                       | IEC 60282-1: 2020 (CEI, EN)                                                                                                                                                                                                                     |
|                                                         | Limitatori ad espulsione c.a. > 1000 V<br>A.C. expulsion and similar fuses > 1000 V                                                                     | IEC 60282-2: 2008<br>CEI 32-14: 1998<br>CENELEC HD 636 S1: 1996                                                                                                                                                                                 |
| C.                                                      | Apparecchiature prefabbricate (Quadri)<br>Enclosed switchgear and controlgear                                                                           |                                                                                                                                                                                                                                                 |
|                                                         | Apparecchiature di protezione e manovra assiate in involucro metallico c.a. <= 72,5 kV<br>A.C. metal-enclosed switchgear and controlgear <= 72,5 kV     | IEC 62271-200: 2011 (CEI, EN)<br>IEC 62271-200: 2021 (CEI, EN) (2021/12/06)<br>IEC TR 62271-307: 2015 (CEI)<br>ENEL DY 684A Rev. 03: 2011<br>ENEL DY 696A Rev. 07: 2009<br>ENEL DY 697A Rev. 07: 2009<br>ENEL DY 803 Rev. 06: 2014 (2022/01/12) |
|                                                         | Apparecchiature di protezione e manovra assiate in involucro isolante c.a. <= 72,5 kV<br>A.C. insulation-enclosed switchgear and controlgear <= 72,5 kV | IEC 62271-201: 2014 (CEI, EN)                                                                                                                                                                                                                   |

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|    | Sottostazioni prefabbricate ad alta tensione/bassa tensione<br>High-voltage/low-voltage prefabricated substation                                                                   | IEC 62271-202: 2014 (CEI, EN) (2021/12/06)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|    | Apparecchiature di protezione e manovra assiemate in involucro metallico isolate in gas c.a. <= 72,5 kV<br>A.C. gas-insulated metal-enclosed switchgear and controlgear <= 72,5 kV | IEC 62271-203: 2011 (CEI, EN)<br>IEC 62271-203: 2022 (CEI, EN) (2025/06/11)<br>IEC 62271-211: 2019 (CEI, EN) (2025/06/11)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|    | Moduli compatti multifunzione >= 52 kV<br>Compact switchgear assemblies >= 52 kV                                                                                                   | IEC 62271-205: 2008 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| D. | Trasformatori di misura<br>Instrument transformers                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|    | Trasformatori di corrente<br>Current transformers                                                                                                                                  | IEC 61869-1: 2007 (CEI, EN)<br>IEC 61869-2: 2012 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|    | Trasformatori di tensione<br>Voltage transformers                                                                                                                                  | IEC 61869-1: 2007 (CEI, EN)<br>IEC 61869-3: 2011 (CEI, EN)<br>IEC 61869-5: 2011 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|    | Trasformatori combinati<br>Combined transformers                                                                                                                                   | IEC 61869-1: 2007 (CEI, EN)<br>IEC 61869-4: 2013 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|    | Trasformatori di corrente passivi a bassa potenza<br>Low-power passive current transformers                                                                                        | IEC 61869-6: 2016 (CEI, EN)<br>IEC 61869-10: 2017 (CEI, EN)<br>ENEL GSCT005 Rev. 02: 2019 (2022/11/08)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|    | Trasformatori di tensione passivi a bassa potenza<br>Low-power passive voltage transformers                                                                                        | IEC 61869-6: 2016 (CEI, EN)<br>IEC 61869-11: 2017 (CEI, EN) (2021/03/25)<br>ENEL GSCT005 Rev. 02: 2019 (2022/11/08)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|    | Trasformatori di corrente per applicazioni c.c.<br>Current transformers for d.c. applications                                                                                      | IEC 61869-14: 2018 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| E. | Trasformatori di potenza in olio e a secco<br>Oil-immersed and dry type power transformers                                                                                         | IEC 60076-1: 2011 (CEI, EN)<br>IEC 60076-2: 2011 (CEI, EN)<br>IEC 60076-3: 2018 (CEI, EN)<br>IEC 60076-4: 2002 (CEI, EN)<br>IEC 60076-5: 2006 (CEI, EN)<br>IEC 60076-10: 2016 (CEI, EN)<br>IEC 60076-11: 2018 (CEI, EN)<br>IEC 60076-13: 2006 (CEI, EN)<br>IEC 60076-18: 2012 (CEI, EN)<br>IEC TS 60076-19: 2013 (CEI, EN)<br>IEC 60567: 2011 (CEI, EN)<br>IEC 60599: 2015 (CEI, EN)<br>IEC 60599: 2023 (CEI, EN) (2024/02/27)<br>EN 50329: 2003 (CEI)<br>EN 50588-1: 2017 (CEI)<br>IEC/IEEE 60076-57-129: 2017<br>IEEE C57.12.00-2015<br>IEEE C57.12.90-2015<br>ABB AG 1HDG587101 Rev. H: 2015<br>ADIF Doc. ET 03.359.505.9 Ed. 2: 2014<br>AMPEGON HEKT 453521P2: 2013 |

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|  | <p>ARETI DHT15 Ed. 1: 2018<br/>EDF HN 52-S-27 Ed. 2: 2008<br/>ERDF HN 52-S-28 Ed. 2: 2015<br/>ENDESA SZE002 00 Ed. 1: 2016<br/>ENEDIS ST 52-S-24 Version A: 2016<br/>ENEDIS ST 52-S-27 Version B: 2019<br/>ENEL/ENDESA GST002/265 Rev. 01: 2018<br/>ENEL/ENDESA GST002/S50 Rev. 00: 2016<br/>ENEL DISTRIBUZIONE TR092011 Rev. 00: 2012<br/>ENEL DISTRIBUZIONE DT 1087 Rev. 00: 2009<br/>ENEL DISTRIBUZIONE DT 1088 Rev. 00: 2009<br/>ENEL DISTRIBUZIONE DT 1088 A1 Rev. 00: 2010<br/>ENEL DISTRIBUZIONE DT 1088 A2 Rev. 00: 2011<br/>ENEL DISTRIBUZIONE DT 1088 A3 Rev. 00: 2012<br/>ENEL DT 841 Rev. 05: 2020 (2022/06/20)<br/>ENEL DT 842 Rev. 04: 2020 (2022/06/20)<br/>ENEL DT 843 Rev. 04: 2020 (2022/06/20)<br/>ENEL DT 844 Rev. 04: 2020 (2022/06/20)<br/>ENEL DT 845 Rev. 04: 2020 (2022/06/20)<br/>ENEL DT 846 Rev. 04: 2020 (2022/06/20)<br/>ENEL GST001-EU Rev. 04: 2020 (2022/06/20)<br/>ENEL GST002 Rev. 01: 2014 + AMENDMENT 2017/2018 Rev. 00: 2018 (2022/11/08)<br/>ENEL GST002 Rev. 02: 2020 (2021/10/12)<br/>ENEL GST002 Rev. 02 Italy: 2020 (2021/10/12)<br/>ENEL GST002 Rev. 02 Spain: 2019 (2022/11/08)<br/>ENEL GST002-S55 Rev. 01: 2018 (2022/11/08)<br/>ENEL TR-IT032017 Rev. 01: 2018<br/>NETZE BW TS-5144 Ver. 2.2: 2019<br/>RFI DPRIM STF IFS LF618 A: 2011 (2022/06/20)<br/>RFI DTC ST E SP IFS SS 114 Rev. A: 2019 (2022/06/20)<br/>RFI DTC STS ENE SP IFS LF 666 A Rev. A: 2014 (2022/06/20)<br/>RFI DTC STS ENE SP IFS SS 182 A Rev. A: 2015<br/>RWE NST20.0400 Ver. 2: 2009<br/>SIEMENS TP 171033A Rev. 01: 2018<br/>TAMINI 20170531 Rev. 01: 2017<br/>TAMINI HA 7300 H 8001 Rev. C: 2018<br/>TERNA INS MT S 08 Rev. 01: 2017<br/>TERNA INS MA S 01 Rev. 03: 2017<br/>TERNA INS MA S 01 Rev. 05: 2020 (2021/10/12)<br/>TERNA INS MT S 07 Rev. 01: 2017<br/>TERNA INS MT S 01 Rev. 04: 2018<br/>TERNA INS MT S 01 Rev. 04: 2018 - Allegato 2 Rev. 00: 2019 (2022/06/20)<br/>TERNA INS MT S 10 Rev. 04: 2019 (2021/03/25)<br/>TERNA INS MT S 11 Rev. 02: 2019 (2022/01/12)<br/>TERNA INS MT S 19 Rev. 01: 2022 (2023/10/10)<br/>TERNA INS MT S 20 Rev. 00: 2022 (2025/05/07)</p> |
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|    |                                                                                                                 | TRANSCO-ENERGO-LT N-15558-HA 7300 L 8035 Rev. D: 2019<br>TRANSCO-WSP-LT N-12733.1 LC 7320 L 0136 Rev. C: 2019                                                                                                                                                                                                           |
| F. | Accessori per trasformatori di potenza<br>Accessories for power transformers                                    | EN 50216-1: 2002 (CEI)<br>EN 50216-2: 2002 (CEI)<br>EN 50216-3: 2002 (CEI)<br>EN 50216-4: 2015 (CEI)<br>EN 50216-5: 2002 (CEI)<br>EN 50216-6: 2002 (CEI)<br>EN 50216-7: 2002 (CEI)<br>EN 50216-8: 2005 (CEI)<br>EN 50216-9: 2009 (CEI)<br>EN 50216-10: 2009 (CEI)<br>EN 50216-11: 2008 (CEI)<br>EN 50216-12: 2011 (CEI) |
| G. | Commutatori sotto carico per trasformatori di potenza<br>Tap-changers for power transformers                    | IEC 60214-1: 2014 (CEI, EN)                                                                                                                                                                                                                                                                                             |
| H. | Conduttori per avvolgimenti di trasformatori di potenza<br>Winding wires for power transformers                 | IEC 60317-0-2: 2013 (CEI, EN)<br>IEC 60317-18: 2010 (CEI, EN)<br>IEC 60317-27-3: 2019 (CEI, EN)                                                                                                                                                                                                                         |
| I. | Componenti di stazione e di linea<br>Post and line equipment                                                    |                                                                                                                                                                                                                                                                                                                         |
|    | Reattori<br>Reactors                                                                                            | IEC 60076-6: 2007 (CEI, EN)                                                                                                                                                                                                                                                                                             |
|    | Bobine di sbarramento<br>Line traps                                                                             | IEC 60353:1989<br>IEC 60353 AMD1: 2002 (2023/03/28)<br>CEI 57-2:1997<br>CEI 57-3 V1: 2008 (2023/03/28)<br>TERNA P P 00061 B ST 0002 Rev. 03: 2007                                                                                                                                                                       |
|    | Dispositivi di accoppiamento per impianti a onde convogliate<br>Coupling devices for power line carrier systems | IEC 60481: 1974<br>CEI 57-3: 1998                                                                                                                                                                                                                                                                                       |
|    | Scaricatori<br>Surge arresters                                                                                  | IEC 60099-4: 2014 (CEI, EN)<br>IEC 60099-5: 2018 (CEI, EN)<br>ENEL DY 58 Ed. 2: 2005<br>ENEL DY 1004 Ed. 4: 2000<br>ENEL DY 2051 Ed. 2: 2005<br>ENEL DY 2052 Ed. 2: 2005<br>EETC EUS (A05) Ed. 1: 2006<br>TERNA INS AZ S 01 Rev. 03: 2018                                                                               |
|    | Condensatori<br>Capacitors                                                                                      | IEC 60871-1: 2014 (CEI, EN)<br>IEC 60871-2: 2014 (CEI, EN) (2022/11/08)<br>IEC 60871-4: 2014 (CEI, EN)                                                                                                                                                                                                                  |
|    | Isolatori di linea<br>Line insulators                                                                           | IEC 60383-1: 1993 (CEI, EN)<br>IEC 60383-2: 1993 (CEI, EN)<br>IEC 60437: 1997 (CEI, EN)<br>IEC 60587: 2007 (CEI, EN) (2021/03/25)                                                                                                                                                                                       |

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|    |                                                               | <p>IEC 60587: 2022 (CEI, EN) (2023/03/28)</p> <p>IEC 61109: 2008 (CEI, EN)</p> <p>IEC 61325: 1995 (CEI, EN) (2023/03/28)</p> <p>IEC 61466-1: 2016 (CEI, EN)</p> <p>IEC 61466-2: 2018 (CEI, EN)</p> <p>IEC 61952: 2008 (CEI, EN)</p> <p>IEC 62231: 2006 (CEI, EN)</p> <p>IEC 62217: 2012 (CEI, EN)</p> <p>IEC TR 62662: 2010 (CEI)</p> <p>IEC TS 62073: 2016</p> <p>IEC TS 60815-1: 2008</p> <p>IEC TS 60815-2: 2008</p> <p>IEC TS 60815-3: 2008</p> <p>IEC TS 60815-4: 2016</p> <p>IEC TS 61245: 2015 (2023/03/28)</p> <p>ENEL DJ 3951 Ed. 2: 2000</p> <p>ENEL DJ 3950 Ed. 2: 2000</p> <p>ENEL MAT-E&amp;C-NC-2021-0043-EGIN: 2021 (2023/03/28)</p> <p>TERNA LIN 00000J18 Rev. 01: 2015</p> <p>TERNA LIN 00000J19 Rev. 01: 2015</p> <p>TERNA LIN 00000J20 Rev. 00: 2018</p> <p>TERNA LIN 00000J39 Rev. 00: 2013</p> <p>TERNA LIN_0000J116 Rev. 00: 2012</p> |
|    | <p>Isolatori passanti</p> <p>Bushings</p>                     | <p>IEC 60137: 2017 (CEI, EN)</p> <p>IEC 60587: 2007 (CEI, EN) (2021/03/25)</p> <p>IEC 60587: 2022 (CEI, EN) (2023/03/28)</p> <p>IEC 62217: 2012 (CEI, EN)</p> <p>IEC/IEEE 65700-19-03: 2014</p> <p>EN 50181: 2010 (CEI)</p> <p>EN 50243: 2002 (CEI)</p> <p>EN 50336: 2002 (CEI)</p> <p>CLC/TS 50458: 2006 (CEI)</p> <p>TERNA INS CI S 02 Rev.00: 2022 (2025/05/07)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|    | <p>Isolatori portanti</p> <p>Post insulators</p>              | <p>IEC 60168: 2001 (CEI, EN)</p> <p>IEC 60587: 2007 (CEI, EN) (2021/03/25)</p> <p>IEC 60587: 2022 (CEI, EN) (2023/03/28)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|    | <p>Morsetteria linee aeree</p> <p>Overhead line fittings</p>  | <p>IEC 61284: 1997 (CEI, EN)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|    | <p>Conduttori linee aeree</p> <p>Overhead line conductors</p> | <p>IEC 61089: 1991</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| L. | <p>Cavi e accessori</p> <p>Cables and accessories</p>         | <p>IEC 60332: 2018 SERIES (CEI, EN)</p> <p>IEC 60502-1: 2009</p> <p>IEC 60502-1: 2021 (2021/10/12)</p> <p>IEC 60502-2: 2014</p> <p>IEC 60502-4: 2010</p> <p>IEC 60502-4: 2023 (2025/08/13)</p> <p>IEC 60840: 2011</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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|  | <div>IEC 60840: 2020 (2021/03/25)<br/>IEC 61442: 2005 (CEI, EN)<br/>IEC 61442: 2023 (CEI, EN) (2025/08/13)<br/>IEC 62067: 2011<br/>IEC 62067: 2022 (2022/11/08)<br/>IEC 62895: 2017<br/>IEC 63026: 2019<br/>CEI 20-13: 2011<br/>CEI 20-56: 2010<br/>CEI 20-62/1: 2019<br/>CEI 20-62/2: 2006<br/>CEI 20-66: 2017<br/>CEI 20-68: 2002<br/>CENELEC HD 620 S2: 2010<br/>CENELEC HD 629.1 S3: 2019<br/>CENELEC HD 632 S3: 2016<br/>EN 50399: 2011 (CEI)<br/>EN TS 50576: 2016 (CEI)<br/>ANSI/ICEA S-108-720: 2018 (2022/11/08)<br/>CIGRE TB 446: 2011<br/>CIGRE TB 490: 2012<br/>CIGRE TB 496: 2012<br/>CIGRE TB 623: 2015<br/>CIGRE TB 722: 2018<br/>CIGRE TB 784: 2019 (2023/03/28)<br/>BS 6622: 2007<br/>BS 7912: 2012<br/>BS 7912 AMD1: 2017 (2023/03/28)<br/>IEEE 48: 2020<br/>IEEE 404: 2012<br/>DEWA 1.5.1.3.2.01 Rev. 13<br/>DEWA 2052000093 Section 4 Doc. No. 1.5.1.3.5.02 Rev. 02 (2021/12/06)<br/>EDELNOR DNN-ET-024a: 2001 (2021/10/12)<br/>EDESUR DDEE10 Rev. 00: 2018 (2021/10/12)<br/>ENDESA 6710951 Rev. II: 2014 (2021/12/06)<br/>ENDESA 6710952 Rev. II: 2014 (2021/12/06)<br/>ENDESA 6710953 Rev. II: 2014 (2021/12/06)<br/>ENDESA 6710954 Rev. II: 2014 (2021/12/06)<br/>ENDESA 6710955 Rev. II: 2014 (2021/12/06)<br/>ENDESA 6710956 Rev. III: 2014 (2021/12/06)<br/>ENDESA 6710957 Rev. II: 2014 (2021/12/06)<br/>ENDESA 6711722 Rev. A: 2015<br/>ENDESA KNE 002 02 Ed. 2: 2008 (2021/12/06)<br/>ENDESA KNE 003 02 Ed. 2: 2008 (2021/12/06)<br/>ENEL DJ 3900 Ed. 3: 1994<br/>ENEL DJ 4376 Rev. 14: 2015<br/>ENEL DJ 4378 Rev. 08: 2015 (2021/03/25)</div> |
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|  | <div>ENEL DJ 4395 Rev. 01: 2014<br/>ENEL DJ 4397 Rev. 00: 2015<br/>ENEL DJ 4476 Rev. 11: 2014<br/>ENEL ENDESA NCDJ 4388 Rev. 01: 2013 (2021/12/06)<br/>ENEL GSCC004 Rev. 00: 2015 (2021/10/12)<br/>ENEL GSCC004 Rev. 03: 2018<br/>ENEL GSCC004 Rev. 00 Addendum for Edesur: 2018 (2021/10/12)<br/>ENEL GSCC004 Rev. 03 Addendum for Latam: 2020 (2021/10/12)<br/>ENEL GSCC005 Rev. 00: 2015<br/>ENEL GSCC005 Rev. 03: 2018 (2021/03/25)<br/>ENEL GSCC005 Rev. 04: 2022 (2022/11/08)<br/>ENEL GSCC005 Rev. 00 Addendum for Edesur: 2018 (2021/10/12)<br/>ENEL GSCC005 Rev. 03 Addendum for ENEL Distribucion Chile: 2019 (2021/10/12)<br/>ENEL GSCC006 Rev. 03: 2018<br/>ENEL GSCC017 Rev. 02: 2019<br/>ENEL LJ 112 Ed. 4: 1989<br/>ENERSIS-ENDESA E-MT-026 Rev. 1.2: 2013 (2021/10/12)<br/>KAHRAMAA GTC/450/2011<br/>PFISTERER DTP 18-01 Rev. 01: 2018<br/>PFISTERER DTP 18-02 Rev. 00: 2018<br/>PRYSMIAN EQT Eagle 245 kV Rev. 00: 2022 (2022/11/08)<br/>PRYSMIAN HVSYS15/IT-024-TT-1-7 Rev. 07: 2016<br/>PRYSMIAN HVSYS15/IT-024-RT-2-0 Rev. 00: 2016<br/>PRYSMIAN HVSYS15/IT-024-RT-3-1 Rev. 01: 2016<br/>PRYSMIAN HVSYS15/IT-024-RT-1-2 Rev. 02: 2016<br/>PRYSMIAN PPL16082-SE-PRO-v03 Rev. 03: 2018<br/>PRYSMIAN PPL17066-SE-PRO-016-v03 Rev. 03: 2020 (2021/05/05)<br/>PRYSMIAN PPL18129-SE-TEC-008-TEN-v01 Rev. 01: 2021 (2021/10/12)<br/>TEIAS DB.KAB.8: 2013<br/>TENAGA NASIONAL KEJ09225: 2018 (2022/11/08)<br/>TERNA UX LK101 Rev. 05: 2018<br/>TERNA UX LK101 Rev. 06: 2020 (2021/05/05)<br/>TERNA UX LK102 Rev. 03: 2013<br/>TERNA UX LK102 Rev. 04: 2022 (2025/05/07)<br/>TERNA UX LK105 Rev. 03 2015<br/>TERNA UX LK105 Rev. 04: 2020 (2021/05/05)<br/>TERNA UX LK120 Rev. 01: 2010<br/>TERNA UX LK120 Rev. 02: 2015 (2021/05/05)<br/>TERNA UX LK121 Rev. 04: 2017<br/>TERNA UX LK121 Rev. 05: 2020 (2021/05/05)<br/>TERNA UX LK122 Rev. 01: 2010<br/>TERNA UX LK122 Rev. 04: 2020 (2021/05/05)</div> |
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|                                                                                                               |                                                                                                     | TERNA UX LK123 Rev. 02: 2015<br>TERNA UX LK123 Rev. 03: 2020 (2021/05/05)<br>TERNA UX LK201 Rev. 02: 2011<br>TERNA UX LK205 Rev. 01: 2011<br>TERNA UX LK208 Rev. 02: 2018<br>TERNA UX LK208 Rev. 03: 2024 (2025/05/07)<br>TERNA UX LK220 Rev. 01: 2010<br>TERNA UX LK221 Rev. 01: 2010<br>TERNA UX LK222 Rev. 01: 2010<br>TERNA UX LK223 Rev. 02: 2015<br>TERNA UX LK302 Rev. 00: 2010<br>TERNA UX LK302 Rev. 01: 2013 (2021/05/05)<br>TERNA UX LK331 Rev. 01: 2015<br>TERNA UX LK331 Rev. 01: 2015<br>TERNA UX LK421 Rev. 00: 2012 (2021/05/05)<br>UNARETI 2125298: 2018 (2021/10/12)<br>UNARETI 61007938: 2018 (2021/10/12)<br>UNE 211027: 2013 (2021/12/06) |
| APPARECCHIATURE E COMPONENTI ELETTRICI DI BASSA TENSIONE<br>Low-voltage electrical apparatuses and components |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A.                                                                                                            | Apparecchiatura di bassa tensione<br>Low-voltage apparatuses                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                               | Interruttori automatici<br>Automatic circuit-breakers                                               | IEC 60898-1: 2019 (CEI, EN)<br>IEC 60898-2: 2016 (CEI, EN)<br>IEC 60934: 2019 (CEI, EN)<br>IEC 60947-2: 2019 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                               | Interruttori di manovra-sezionatori<br>Switch-disconnectors and fuse-combination units              | IEC 60947-3: 2020 (CEI, EN)<br>IEC 60947-4-1: 2018 (CEI, EN)<br>IEC 61095: 2009 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                               | Relè<br>Relays                                                                                      | IEC 60255-1: 2009 (CEI, EN)<br>IEC 60730-1: 2015 (CEI, EN)<br>IEC 61810-1: 2019 (CEI, EN)<br>IEC 61810-3: 2015 (CEI, EN)<br>IEC 61811-1: 2015 (CEI, EN)<br>IEC 61812-1: 2011 (CEI, EN)<br>IEC 62314: 2006 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                               | Dispositivi elettromeccanici per circuiti di comando<br>Electromechanical control circuit devices   | IEC 60947-5-1:2016 (CEI, EN)<br>IEC 60947-6-1: 2013 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| B.                                                                                                            | Fusibili < 1000 V<br>Fuses < 1000 V                                                                 | IEC 60269-1: 2014 (CEI, EN)<br>IEC 60269-2: 2016 (CEI, EN)<br>IEC 60269-3: 2019 (CEI, EN)<br>IEC 60127-1: 2015 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| C.                                                                                                            | Apparecchiature assiemate di protezione e manovra (Quadri)<br>Switchgear and controlgear assemblies | IEC 61439-1: 2020 (CEI, EN)<br>IEC 61439-2: 2011 (CEI, EN)<br>IEC 61439-5: 2023 (CEI, EN) (2024/02/27)<br>IEC 61439-6: 2012 (CEI, EN) (2024/08/01)<br>IEC 61439-7: 2022 (CEI, EN) (2023/10/10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                   |                                                                          | ENEL DY 3005 Rev. 04: 2018 (2022/11/08)<br>ENEL DY 3025 Rev. 01: 2012 (2022/11/08)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| D.                                                                                                                | Trasformatori di misura<br>Instrument transformers                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                   | Trasformatori di corrente<br>Current transformers                        | IEC 61869-1: 2007 (CEI, EN)<br>IEC 61869-2:2012 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                   | Trasformatori di tensione<br>Voltage transformers                        | IEC 61869-1: 2007 (CEI, EN)<br>IEC 61869-3: 2011 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E.                                                                                                                | Cavi e accessori<br>Cables and accessories                               | IEC 60332: 2018 SERIES (CEI, EN)<br>IEC 60702-1: 2015 (CEI, EN)<br>IEC 60708: 2005 (CEI, EN)<br>IEC 60793-1-1: 2017 (CEI, EN)<br>IEC 60794-1-1: 2015 (CEI, EN)<br>IEC 60966-1: 2019 (CEI, EN)<br>IEC 61138: 2007 (CEI, EN)<br>CENELEC HD 21.1 S2: 1990<br>CENELEC HD 603 S1: 2007<br>CENELEC HD 604 S1: 2005<br>CENELEC HD 623 S1: 2008<br>CENELEC HD 626 S1: 1996<br>CENELEC HD 626 S1 A1: 1997 (2021/10/12)<br>CENELEC HD 626 S1 A2: 2002 (2021/10/12)<br>CLC/TS 50576: 2016 (CEI)<br>EN 50117-1: 2002 (CEI)<br>EN 50288-1: 2013 (CEI)<br>EN 50289-1-1: 2017 (CEI)<br>EN 50290-1-1: 2001 (CEI)<br>EN 50393: 2015 (CEI)<br>EN 50399: 2011 (CEI)<br>EN 50441: 2012 (CEI)<br>EN 50618: 2015 (2022/11/08)<br>ENEL MAT-OYM-NDS-18-112-ESP: 2019 (2022/11/08) |
| F.                                                                                                                | Macchine elettriche rotanti<br>Rotating electrical machines              | IEC 60034-1: 2017 (CEI, EN)<br>IEC 60034-30-1: 2014 (CEI, EN)<br>IEC TS 60034-30-2: 2016<br>IEC 60349-1: 2010 (CEI, EN)<br>IEC 60349-2: 2010 (CEI, EN)<br>IEC 60947-8: 2011 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| G.                                                                                                                | Morsetti per conduttori in rame<br>Terminal blocks for copper conductors | IEC 60947-7-1: 2009 (CEI, EN)<br>IEC 60947-7-2: 2009 (CEI, EN)<br>IEC 61210: 2010 (CEI, EN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| H.                                                                                                                | Condensatori<br>Capacitors                                               | IEC 60831-1: 2014 (CEI, EN)<br>IEC 60831-2: 2014 (CEI, EN)<br>Government of Kuwait - Ministry Electricity & Water MEW-EDN-F.AH./01-01-2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| APPARECCHIATURE E COMPONENTI PER L'AUTOMAZIONE, LA PROTEZIONE, L'ACCUMULO E LA CONVERSIONE DELL'ENERGIA ELETTRICA |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Equipment and components for automation, protection, storage and conversion of electric energy |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A.                                                                                             | Sistemi di protezione per reti AT, MT e LV<br>Protection systems for HV, MV and LV networks                                               | CEI 0-16: 2019 Allegati C, D, E<br>CEI 0-16: 2022 Allegati C, D, E (2022/11/08)<br>CEI 0-16 V1: 2022 Allegati C, D, E (2023/10/10)<br>CEI 0-21: 2019 Allegato A<br>CEI 0-21: 2022 Allegato A (2023/03/28)<br>CEI 0-21 V1: 2022 (2023/03/28)                                                                                                                                                       |
| B.                                                                                             | Sistemi di protezione, regolazione e controllo dei sistemi elettrici<br>Protection, regulation and control systems for electrical systems | ENEL DMI 900002 Issue II DX1215 Ed.7: 2012<br>TERNA Codice di trasmissione dispacciamento, sviluppo e sicurezza della rete ex art. 1, comma 4, DPCM 11 maggio 2004 e relativi allegati A17 e A68<br>CEI 0-16: 2022 Allegati O, T (2022/11/08)<br>CEI 0-16 V1: 2022 Allegati O, T (2023/10/10)                                                                                                     |
| C.                                                                                             | Sistemi di generazione di energia elettrica<br>Electric generation systems                                                                | TERNA Codice di trasmissione dispacciamento, sviluppo e sicurezza della rete ex art. 1, comma 4, DPCM 11 maggio 2004 Allegato A.69 Rev.03: 2021 (2024/02/27)<br>TERNA Codice di trasmissione dispacciamento, sviluppo e sicurezza della rete ex art. 1, comma 4, DPCM 11 maggio 2004 Allegato A.79 Rev.00: 2023 (2024/02/27)                                                                      |
| D.                                                                                             | Stazioni di ricarica per veicoli elettrici<br>Electric vehicle charging station                                                           | IEC 61851-1: 2017 (CEI, EN)<br>IEC 61851-21-1: 2017 (CEI, EN)<br>IEC 61851-21-2: 2018 (CEI, EN)<br>IEC 61851-23: 2014 (CEI, EN) (2023/10/10)                                                                                                                                                                                                                                                      |
| E.                                                                                             | Convertitori a semiconduttori<br>Semiconductor converters                                                                                 | IEC 60146-1-1: 2009 (CEI, EN)<br>IEC TR 60146-1-2: 2019<br>IEC 60146-2: 1999 (CEI, EN) (2022/11/08)<br>EN 50328: 2003 (CEI) (2022/11/08)                                                                                                                                                                                                                                                          |
| F.                                                                                             | Sistemi di conversione<br>Converter systems                                                                                               | IEC 62477-1: 2016 (CEI, EN)<br>IEC 62477-2: 2018 (CEI, EN)                                                                                                                                                                                                                                                                                                                                        |
| G.                                                                                             | Sistemi statici di continuità (UPS)<br>Uninterruptible power systems (UPS)                                                                | IEC 62040-1: 2017 (CEI, EN)<br>IEC 62040-2: 2016 (CEI, EN)<br>IEC 62040-3: 2021 (CEI, EN) (2022/11/08)<br>IEC 62040-5-3: 2016 (CEI, EN)                                                                                                                                                                                                                                                           |
| H.                                                                                             | Sistemi di collaudo automatici (SCA)<br>Automatic testing systems (SCA)                                                                   | ENEL SQ/P/0101 Ed. 2: 2005                                                                                                                                                                                                                                                                                                                                                                        |
| I.                                                                                             | Sistemi di accumulo e di ricarica<br>Storage and charging systems                                                                         | IEC 60896-11: 2002 (CEI, EN) (2022/05/10)<br>IEC 60896-21: 2004 (CEI, EN) (2022/05/10)<br>IEC 60896-22: 2004 (CEI, EN) (2022/05/10)<br>IEC 62619: 2017 (CEI, EN) (2022/05/10)<br>IEC 62620: 2014 (CEI, EN) (2022/05/10)<br>IEC 63193: 2020 (CEI, EN) (2022/05/10)<br>ENEL DY 816 Rev. 00: 2014 (2022/05/10)<br>ENEL DY 1130 Rev. 00: 2014 (2022/05/10)<br>ENEL GSCB001 Rev. 00: 2016 (2022/05/10) |
| GRADI DI PROTEZIONE DEGLI INVOLUCRI (CODICE IP)<br>Enclosure protection degrees (IP code)      |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                   |

|    |                         |                           |
|----|-------------------------|---------------------------|
| A. | Involucri<br>Enclosures | IEC 60529: 2013 (CEI, EN) |
|----|-------------------------|---------------------------|

**Nota: La data che compare in fianco alle norme e/o specifiche tecniche è quella di inserimento nell’elenco flessibile.**  
*Note: The date that appears next to the standards and /or technical specifications is that of inclusion in the flexible list.*