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11 医療技術

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC/TR 61289 Ed. 2.0:2019	High frequency surgical equipment and high frequency surgical accessories – Operation and maintenance	高周波外科手術用機器及び高周波外科手術用付属品 – 操作及び保守	IEC TR 61289:2019 is available as IEC TR 61289:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC TR 61289:2019 contains guidelines for medical and nursing personnel regarding the safe and effective operation of HIGH FREQUENCY SURGICAL EQUIPMENT and HIGH FREQUENCY SURGICAL ACCESSORIES (also referred to as HF SURGICAL EQUIPMENT in this document). It is also of use to scientific/technical staff who have responsibility for the maintenance of this equipment. The application guidelines in this document deal with the safe operation of HIGH FREQUENCY SURGICAL EQUIPMENT constructed according to the safety requirements of IEC 60601-1 and IEC 60601-2-2. Not all existing HIGH FREQUENCY SURGICAL EQUIPMENT meets the minimum requirements of current international standards, however, the guidelines in this document is still helpful in utilizing these devices. IEC TR 61289:2019 cancels and replaces the first edition published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) general adaption to IEC 60601-2-2:2017;b) refinement and additions to the defined terms;c) separation of HF SURGICAL EQUIPMENT and HF SURGICAL ACCESSORIES;d) consideration of the HIGH CURRENT MODE;e) update of symbols.	20190510	22,032円 (本体20,400円)
IEC/TR 61289 Ed. 2.0:2019 RLV (Redline version)	High frequency surgical equipment and high frequency surgical accessories – Operation and maintenance	高周波外科手術用機器及び高周波外科手術用付属品 – 操作及び保守	IEC TR 61289:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC TR 61289:2019 contains guidelines for medical and nursing personnel regarding the safe and effective operation of HIGH FREQUENCY SURGICAL EQUIPMENT and HIGH FREQUENCY SURGICAL ACCESSORIES (also referred to as HF SURGICAL EQUIPMENT in this document). It is also of use to scientific/technical staff who have responsibility for the maintenance of this equipment. The application guidelines in this document deal with the safe operation of HIGH FREQUENCY SURGICAL EQUIPMENT constructed according to the safety requirements of IEC 60601-1 and IEC 60601-2-2. Not all existing HIGH FREQUENCY SURGICAL EQUIPMENT meets the minimum requirements of current international standards, however, the guidelines in this document is still helpful in utilizing these devices. IEC TR 61289:2019 cancels and replaces the first edition published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) general adaption to IEC 60601-2-2:2017;b) refinement and additions to the defined terms;c) separation of HF SURGICAL EQUIPMENT and HF SURGICAL ACCESSORIES;d) consideration of the HIGH CURRENT MODE;e) update of symbols.	20190510	28,641円 (本体26,520円)

13 環境、健康予防、安全

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 62244 Ed. 2.0:2019	Radiation protection instrumentation – Installed radiation portal monitors (RPMs) for the detection of illicit trafficking of radioactive and nuclear materials	放射線防護計装 – 放射能及び核物質の不法取引の防護のための設置放射能ポータルモニタ(RPMs)	IEC 62244:2019 defines the performance requirements of installed monitors used for the detection of gamma and neutron radiation emitters. These monitors are commonly known as radiation portal monitors or RPMs. They are used to monitor vehicles, cargo containers, people, or packages and are typically located at national and international border crossings. They may be used at any location where there is a need for this type of monitoring. This document establishes the general, radiological, climatic, mechanical, electric and electromagnetic and documentation requirements and associated test methods. This document does not apply to the performance of spectroscopy-based portal monitors covered in IEC 62484. This second edition cancels and replaces the first edition issued in 2006. This edition includes the following significant technical changes with respect to the previous edition:a) making the standard consistent with the new standards for detection of illicit trafficking of radioactive material (see the Introduction);b) creating uniformed functionality test for all environmental, electromagnetic and mechanical tests and a requirement for the coefficient of variation of each nominal mean reading;c) reference to IEC 62706 for the environmental, electromagnetic and mechanical test conditions;d) adding information regarding climatic exposures.	20190507	22,032円 (本体20,400円)

21 一般的に利用される機械的システム及びその構成要素

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
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IEC/TS 62998-1 Ed. 1.0:2019	Safety of machinery – Safety-related sensors used for the protection of persons	機械類の安全性—人の保護のために使用する安全関連センサ	IEC TS 62998-1:2019 gives requirements for the development and integration of safety related sensors (SRS) and safety related sensor systems (SRSS) used for protection of persons with special attention to systematic capabilities. This generic standard only applies if protection of persons is to be performed by using sensors, and standards for functional safety of electrical control systems address sensor(s) as subsystem or subsystem element, and product specific sensor standards (e.g. IEC 61496 (all parts), IEC 60947-5-2) do not contain all necessary provisions, or product specific sensor standards are not developed. The approach of examination of systematic capabilities by using different safety related sensor standards is described in Annex A. The requirements and methods within this document are limited to the purpose of protection of persons by detection of potentially hazardous objects, by detection of a body, parts of a body and objects associated to parts of a body entering a hazardous area, or by classification respective discrimination of these against other objects. Special attention is given to the sensing function and dependability of the detection capability. Environmental influences and tests for indoor and outdoor use are defined which influence the sensing function and dependability of the detection capability. IEC TS 62998-1:2019 can be relevant to applications other than those for the protection of persons in industries, for example, for the protection of persons in public like agriculture or metro stations. IEC TS 62998-1:2019 does not consider and address proven in use (e.g. processes or elements) as done in IEC 61508-2.	20190502	41,472円 (本体38,400円)
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25 生産工学

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 62881 Ed. 1.0 b Cor.1:2019	Corrigendum 1 – Cause and effect matrix	正誤票1—因果関係マトリクス		20190423	-

27 エネルギー及び熱伝達工学

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60193 Ed. 3.0:2019	Hydraulic turbines, storage pumps and pump-turbines – Model acceptance tests	水車、揚水ポンプ及びポンプ水車—モデル受入れ試験	IEC 60193:2019 applies to laboratory models of any type of impulse or reaction hydraulic turbine, storage pump or pump-turbine. This document applies to models of prototype machines either with unit power greater than 5 MW or with reference diameter greater than 3 m. Full application of the procedures herein prescribed is not generally justified for machines with smaller power and size. Nevertheless, this document may be used for such machines by agreement between the purchaser and the supplier. This document excludes all matters of purely commercial interest, except those inextricably bound up with the conduct of the tests. This document is concerned with neither the structural details of the machines nor the mechanical properties of their components, so long as these do not affect model performance or the relationship between model and prototype performances. This document covers the arrangements for model acceptance tests to be performed on hydraulic turbines, storage pumps and pump-turbines to determine if the main hydraulic performance contract guarantees (see 4.2) have been satisfied. It contains the rules governing test conduct and prescribes measures to be taken if any phase of the tests is disputed. The main objectives of this document are: to define the terms and quantities used; to specify methods of testing and of measuring the quantities involved, in order to ascertain the hydraulic performance of the model; to specify the methods of computation of results and of comparison with guarantees; to determine if the contract guarantees that fall within the scope of this document have been fulfilled; to define the extent, content and structure of the final report.	20190425	45,360円 (本体42,000円)
IEC 62892 Ed. 1.0:2019	Extended thermal cycling of PV modules – Test procedure	PVモジュールの拡張熱サイクル—試験手順	IEC 62892:2019 defines a test sequence that extends the thermal cycling test of IEC 61215-2. It is intended to differentiate PV modules with improved durability to thermal cycling and evaluate modules for deployment in locations most susceptible to thermal cycling type stress. This document is based on the ability for 95% of the modules represented by the samples submitted for this test to pass an equivalency of 500 thermal cycles, as defined in IEC 61215/2:2016, 4.11.3, with a maximum power degradation of less than 5%. Provisions are also provided to reduce overall test time by increasing the maximum cycle temperature and/or the number of modules submitted for test. The test procedure in this document was developed based on analysis of the stress on tin-lead solder bonds on crystalline silicon solar cells in a glass superstrate type package. Changes to lead-free solder have an effect on the acceleration factors but not enough to change the overall results of this test. Monolithic type modules with integral cell interconnection do not suffer from this specific type of stress but there are still electrical connections within the module, for example between the integrated cell circuit and the module bus bars, that may be subject to wear out from thermal cycling. Flexible modules (without glass) are not stressed in the same way as those with glass superstrates or substrates, therefore use of the equivalency factor employed in this document may not be applicable to these modules.	20190417	12,960円 (本体12,000円)

IEC/TS 63019 Ed. 1.0:2019	Photovoltaic power systems (PVPS) Information model for availability	太陽光発電システム(PVPS)－利用可能性に関する情報モデル	IEC TS 63019:2019 provides a framework from which the availability metrics of a PVPS can be derived and reported. It describes how data are categorized and defines generic information categories to which time can be assigned for a PVPS considering internal and external conditions based on fraction of time, system health, and condition by specifying the following: generic information categories of a PVPS considering availability and production, information category priority to discriminate between concurrent categories, entry and exit point for each information category to allocate designation of time. The PVPS comprises all photovoltaic (PV) modules, inverters, DC and AC collection systems, grid interconnection equipment, the site, its infrastructure, and all functional service elements. Formulas in this document provide normative guidance for standardization. Beyond that, it is not the intention of this document to specify exactly how other undefined, time-based availability metrics shall be calculated. The annexes are examples and guiding principles for developing methods for calculation and estimation of availability metrics, subject to the knowledge and concurrence for use by the involved stakeholders. Estimates and calculations also have recommendations on how they are to be used as part of the informative function.	20190509	38,880円 (本体36,000円)
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29 電気工学

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60079-SER Ed. 1.0:2019	Explosive atmospheres – ALL PARTS	爆発性雰囲気－すべての部		20190423	996,235円 (本体922,440円)
IEC 60079-0ISH1 Ed. 7.0:2019	Interpretation Sheet 1 – Explosive atmospheres – Part 0: Equipment – General requirements	解説シート1－爆発性雰囲気－第0部: 機器－一般要求事項		20190423	-
IEC 60079-11ISH4 Ed. 6.0:2019	Interpretation Sheet 4 – Explosive atmospheres – Part 11: Equipment protection by intrinsic safety “i”	解説シート4－爆発性雰囲気－第11部: 本質安全防爆構造“i”		20190416	-
IEC 60079-29-1ISH1 Ed. 2.0:2019	Interpretation Sheet 1 – Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases	解説シート1－爆発性雰囲気－第29-1部: ガス検知器－可燃性ガス用検知器の性能要求事項		20190416	-
IEC 60079-29-1ISH2 Ed. 2.0:2019	Interpretation Sheet 2 – Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases	解説シート2－爆発性雰囲気－第29-1部: ガス検知器－可燃性ガス用検知器の性能要求事項		20190416	-
IEC/TS 60079-42 Ed. 1.0:2019	Explosive atmospheres – Part 42: Electrical safety devices for the control of potential ignition sources for Ex-Equipment	爆発性雰囲気－第42部: 防爆機器の潜在的発火源の制御のための電気安全装置	IEC TS 60079-42:2019 provides guidance for equipment manufacturers where electrical safety devices are used to reduce the likelihood of potential ignition sources becoming effective in Ex Equipment located in Explosive Atmospheres. Electrical safety devices perform a safety function to control potential ignition sources from both, electrical or non-electrical Ex Equipment in explosive atmospheres. This Technical Specification may also be applied to a combination of elements performing a safety function. For example: Sensor, Logic system, Final element. This Technical Specification can also be used for assessing the safety device independently, without being designed for a specific Ex Equipment. A safety device can be a measure to achieve a required EPL of the Ex Equipment with respect to a potential ignition source. The combination of the safety device and the Ex Equipment could then comply with the relevant standards of the IEC 60079 series and the ISO 80079 series with respect to the Equipment Protection Level. However, increasing the EPL of Ex Equipment by the simple addition of a safety device is not within the scope of this Technical Specification. This Technical Specification does not apply to: mechanical control equipment such as pressure relief valves, mechanical governors and other mechanical safety devices, the use of gas detection, control equipment to prevent the occurrence of explosive atmospheres, e.g. inerting systems and ventilation systems, mitigation of an explosion	20190417	18,144円 (本体16,800円)
IEC 60086-4 Ed. 5.0:2019	Primary batteries – Part 4: Safety of lithium batteries	一次電池－第4部: リチウム電池の安全性	IEC 60086-4:2019 is available as IEC 60086-4:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60086-4:2019 specifies tests and requirements for primary lithium batteries to ensure their safe operation under intended use and reasonably foreseeable misuse. NOTE Primary lithium batteries that are standardized in IEC 60086-2 are expected to meet all applicable requirements herein. It is understood that consideration of this part of IEC 60086 might also be given to measuring and/or ensuring the safety of non-standardized primary lithium batteries. In either case, no claim or warranty is made that compliance or non-compliance with this standard will fulfil or not fulfil any of the user's particular purposes or needs. This fifth edition cancels and replaces the fourth edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Revised criteria for an explosion; b) Addition of test parameters for the overdischarge test of battery types FR14505 and FR10G445; c) Addition of a new subclause 5.1 Validity of Testing; d) revised pictogram E in Table D.1; e) Addition of Annex E with requirements for child resistant packaging of coin cells; f) Addition of Annex F with recommendations on the use of the KEEP OUT OF REACH OF CHILDREN safety sign. Keywords: lithium batteries	20190425	31,104円 (本体28,800円)

<p>IEC 60086-4 Ed. 5.0:2019 RLV (Redline version)</p>	<p>Primary batteries – Part 4: Safety of lithium batteries</p>	<p>一次電池—第4部:リチウム電池の安全性</p>	<p>IEC 60086-4:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 60086-4:2019 specifies tests and requirements for primary lithium batteries to ensure their safe operation under intended use and reasonably foreseeable misuse. NOTE Primary lithium batteries that are standardized in IEC 60086-2 are expected to meet all applicable requirements herein. It is understood that consideration of this part of IEC 60086 might also be given to measuring and/or ensuring the safety of non-standardized primary lithium batteries. In either case, no claim or warranty is made that compliance or non-compliance with this standard will fulfil or not fulfil any of the user's particular purposes or needs. This fifth edition cancels and replaces the fourth edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) Revised criteria for an explosion;b) Addition of test parameters for the overdischarge test of battery types FR14505 and FR10G445;c) Addition of a new subclause 5.1 Validity of Testing;d) revised pictogram E in Table D.1.e) Addition of Annex E with requirements for child resistant packaging of coin cells;f) Addition of Annex F with recommendations on the use of the KEEP OUT OF REACH OF CHILDREN safety sign.Keywords: lithium batteries</p>	<p>20190425</p>	<p>40,435円 (本体37,440円)</p>
<p>IEC 60633 Ed. 3.0:2019</p>	<p>High-voltage direct current (HVDC) transmission – Vocabulary</p>	<p>高電圧直流(HVDC)送電—用語</p>	<p>IEC 60633:2019 is available as IEC 60633:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 6033:2019 defines terms for high-voltage direct current (HVDC) power transmission systems and for HVDC substations using electronic power converters for the conversion from AC to DC or vice versa. This document is applicable to HVDC substations with line commutated converters, most commonly based on three-phase bridge (double way) connections (see Figure 2) in which unidirectional electronic valves, for example semiconductor valves, are used. For the thyristor valves, only the most important definitions are included in this document. A more comprehensive list of HVDC valve terminology is given in IEC 60700-2. This edition includes the following significant technical changes with respect to the previous edition: 40 terms and definitions have been amended and 31 new terms and definitions have been added mainly on converter units and valves, converter operating conditions, HVDC systems and substations and HVDC substation equipment; a new Figure 13 on capacitor commutated converter configurations has been added.</p>	<p>20190425</p>	<p>25,920円 (本体24,000円)</p>
<p>IEC 60633 Ed. 3.0:2019 RLV (Redline version)</p>	<p>High-voltage direct current (HVDC) transmission – Vocabulary</p>	<p>高電圧直流(HVDC)送電—用語</p>	<p>IEC 60633:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 6033:2019 defines terms for high-voltage direct current (HVDC) power transmission systems and for HVDC substations using electronic power converters for the conversion from AC to DC or vice versa. This document is applicable to HVDC substations with line commutated converters, most commonly based on three-phase bridge (double way) connections (see Figure 2) in which unidirectional electronic valves, for example semiconductor valves, are used. For the thyristor valves, only the most important definitions are included in this document. A more comprehensive list of HVDC valve terminology is given in IEC 60700-2. This edition includes the following significant technical changes with respect to the previous edition: 40 terms and definitions have been amended and 31 new terms and definitions have been added mainly on converter units and valves, converter operating conditions, HVDC systems and substations and HVDC substation equipment; a new Figure 13 on capacitor commutated converter configurations has been added.</p>	<p>20190425</p>	<p>33,696円 (本体31,200円)</p>
<p>IEC/TS 61973 Ed. 1.1:2019</p>	<p>High voltage direct current (HVDC) substation audible noise</p>	<p>高電圧直流(HVDC)変電所の可聴騒音</p>	<p>IEC TS 61973:2012+A1:2019 applies to the specification and evaluation of outdoor audible noise from high voltage direct current (HVDC) substations. It is intended to be primarily for the use of the utilities and consultants who are responsible for issuing technical specifications for new HVDC projects with and evaluating designs proposed by prospective contractors. It is primarily intended for HVDC projects with line-commutated converters. Part of this technical specification can also be used for the same purpose for HVDC projects using voltage sourced converters, and for flexible a.c. transmission systems (FACTS) devices such as static Var compensators (SVCs) and static synchronous compensators (STATCOMs). This consolidated version consists of the first edition (2012) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication.</p>	<p>20190509</p>	<p>51,840円 (本体48,000円)</p>
<p>IEC/TS 61973 Amd.1 Ed. 1.0:2019</p>	<p>Amendment 1 – High voltage direct current (HVDC) substation audible noise</p>	<p>修正案1—高電圧直流(HVDC)変電所の可聴騒音</p>		<p>20190509</p>	<p>2,592円 (本体2,400円)</p>

IEC 62026-1 Ed. 3.0:2019	Low-voltage switchgear and controlgear – Controller–device interfaces (CDIs) – Part 1: General rules	低電圧開閉装置及び制御装置 – コントローラ – 装置間インタフェース(CDIs) – 第一部: 一般規則	IEC 62026-1:2019 is available as IEC 62026-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 62026-1:2019 applies to interfaces between low-voltage switchgear, controlgear, and controllers (e.g. programmable controllers, personal computers, etc.). This document does not apply to higher level industrial communication networks that have become known as fieldbuses and are considered by IEC subcommittee 65C. This third edition cancels and replaces the second edition published in 2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) additional requirements for safety information and instructions, including the measures to be taken, if any, for achieving EMC compliance;b) EMC immunity requirements aligned with current IEC 61000-6 series of standards. Radiated radio-frequency electromagnetic fields test level increased to 6 GHz;c) EMC emissions requirements aligned with current CISPR 11 publication.	20190509	9,072円 (本体8,400円)
IEC 62026-1 Ed. 3.0:2019 RLV (Redline version)	Low-voltage switchgear and controlgear – Controller–device interfaces (CDIs) – Part 1: General rules	低電圧開閉装置及び制御装置 – コントローラ – 装置間インタフェース(CDIs) – 第一部: 一般規則	IEC 62026-1:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 62026-1:2019 applies to interfaces between low-voltage switchgear, controlgear, and controllers (e.g. programmable controllers, personal computers, etc.). This document does not apply to higher level industrial communication networks that have become known as fieldbuses and are considered by IEC subcommittee 65C. This third edition cancels and replaces the second edition published in 2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) additional requirements for safety information and instructions, including the measures to be taken, if any, for achieving EMC compliance;b) EMC immunity requirements aligned with current IEC 61000-6 series of standards. Radiated radio-frequency electromagnetic fields test level increased to 6 GHz;c) EMC emissions requirements aligned with current CISPR 11 publication.	20190509	11,793円 (本体10,920円)
IEC 60312 Ed. 1.0:2019	Insulating liquids – Unused modified or blended esters for electrotechnical applications	絶縁液体 – 電気技術分野のための未使用改質エステル又は混合エステル	IEC 60312:2019 defines requirements for the characterization of unused modified esters or blends of unused esters used as insulating liquids for electrotechnical applications. It does not cover liquids that contain any proportion of used liquids. The liquids covered by this document are intended mainly for transformer applications.Unused modified/synthesized esters are derived from a natural or synthetic base, or are blends of both. This document covers a variety of ester liquids not covered by other standards specific to natural esters (IEC 62770) or synthetic esters (IEC 61099). As it addresses various categories of liquids, this document also covers a wide range of values for certain performance characteristics. An important property is viscosity, which can affect the design and cooling performance of electrical equipment. A categorization is defined based on the kinematic viscosity of the different liquids. The category of low viscosity ester liquids is established.	20190509	18,144円 (本体16,800円)
IEC/TR 63074 Ed. 1.0:2019	Safety of machinery – Security aspects related to functional safety of safety-related control systems	機械類の安全性 – 安全関連制御システムの機能安全に関するセキュリティ側面	IEC TR 63074:2019 gives guidance on the use of IEC 62443 (all parts) related to those aspects of security threats and vulnerabilities that could influence functional safety implemented and realized by safety-related control systems (SCS) and could lead to the loss of the ability to maintain safe operation of a machine.Considered security aspects of the machine with potential relation to SCS are: vulnerabilities of the SCS either directly or indirectly through the other parts of the machine which can be exploited by security threats that can result in security attacks (security breach); influence on the safety characteristics and ability of the SCS to properly perform its function(s); typical use case definition and application of a corresponding threat model.	20190502	18,144円 (本体16,800円)
IEC 63146 Ed. 1.0:2019	LED packages for general lighting – Specification sheet	一般照明用LEDパッケージ仕様書	IEC 63146:2019 establishes requirements for specification sheets relating to light emitting diode (LED) packages designed for the emission of white light for general lighting applications. This document does not contain compliance criteria.	20190502	5,184円 (本体4,800円)

31 エレクトロニクス

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 61188-6-4 Ed. 1.0:2019	Printed boards and printed board assemblies – Design and use – Part 6-4: Land pattern design – Generic requirements for dimensional drawings of surface mounted components (SMD) from the viewpoint of land pattern design	プリント板及びプリント板アセンブリ設計及び使用 – 第6-4部: ランドパターン設計 – ランドパターン設計の観点からの表面実装部品(SMD)の寸法図面に関する一般要求事項	IEC 61188-6-4:2019 specifies generic requirements for dimensional drawings of SMD from the viewpoint of land pattern design.The purpose of this document is to prevent land pattern design issues caused by lack of information and/or misuse of the information from SMD outline drawing as well as to improve the utilization of IEC 61188 series. This document is applicable to the SMD of semiconductor devices and electrical components.	20190502	31,104円 (本体28,800円)

IEC 61747-40-1 Ed. 2.0:2019	Liquid crystal display devices – Part 40-1: Mechanical testing of display cover glass for mobile devices – Guidelines	液晶表示装置 – 第40-1部: モバイルデバイス用の表示カバーガラスの機械的試験 – 指針	IEC 61747-40-1:2019 is available as IEC 61747-40-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61747-40-1:2019 provides mechanical performance testing guidelines for cover glass used in electronic flat panel displays in mobile devices. This document focuses on key mechanical testing performance parameters and covers mainly strength and damage resistance attributes. The test methods focus on the cover glass level testing only. This edition includes the following significant technical changes with respect to the previous edition: withdrawal of test methods unsuitable for mobile display cover, revision of test methods based on newly developed market relevance, addition of test method for abraded strength, addition of explanations about the relevance between the test methods and the fracture mode, and revision of terms and definitions.	20190417	5,184円 (本体4,800円)
IEC 61747-40-1 Ed. 2.0:2019 RLV (Redline version)	Liquid crystal display devices – Part 40-1: Mechanical testing of display cover glass for mobile devices – Guidelines	液晶表示装置 – 第40-1部: モバイルデバイス用の表示カバーガラスの機械的試験 – 指針	IEC 61747-40-1:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 61747-40-1:2019 provides mechanical performance testing guidelines for cover glass used in electronic flat panel displays in mobile devices. This document focuses on key mechanical testing performance parameters and covers mainly strength and damage resistance attributes. The test methods focus on the cover glass level testing only. This edition includes the following significant technical changes with respect to the previous edition: withdrawal of test methods unsuitable for mobile display cover, revision of test methods based on newly developed market relevance, addition of test method for abraded strength, addition of explanations about the relevance between the test methods and the fracture mode, and revision of terms and definitions.	20190417	6,739円 (本体6,240円)
IEC/TS 62341-6-5 Ed. 1.0:2019	Organic light emitting diode (OLED) displays – Part 6-5: Measuring methods of dynamic range properties	有機発光ダイオード(OLED)ディスプレイ – 第6-5部: ダイナミックレンジ特性の測定方法	IEC TS 62341-6-5:2019 (E) specifies the standard measurement conditions and dynamic range properties for OLED display panels and modules. More precisely, this document focuses on the specific aspects of the dynamic range properties.	20190417	9,072円 (本体8,400円)
IEC 62812 Ed. 1.0:2019	Low resistance measurements Methods and guidance	低抵抗測定 – 方法及び手引	IEC 62812:2019 specifies methods of measurement and associated test conditions that eliminate or reduce the influence of adverse phenomena in order to improve the attainable accuracy of low-resistance measurements. The methods described in this document are applicable for the individual measurements of the resistance of individual resistors, and also for resistance measurements as part of a test sequence. They are applied if prescribed by a relevant component specification, or if agreed between a customer and a manufacturer.	20190502	31,104円 (本体28,800円)
IEC 62884-4 Ed. 1.0:2019	Measurement techniques of piezoelectric, dielectric and electrostatic oscillators – Part 4: Short-term frequency stability test methods	圧電、誘電及び静電オシレーターの測定技法 – 第4部: 短期間周波数安定試験方法	IEC 62884-4:2019 describes the methods for the measurement and evaluation of the short-term frequency stability tests of piezoelectric, dielectric and electrostatic oscillators. Its purpose is to unify the test and evaluation methods for short-term frequency stability.	20190506	12,960円 (本体12,000円)
IEC 62951-2 Ed. 1.0:2019	Semiconductor devices – Flexible and stretchable semiconductor devices – Part 2: Evaluation method for electron mobility, sub-threshold swing and threshold voltage of flexible devices	半導体素子 – 可とう性及び伸張性半導体素子 – 第2部: 可とう素子の電子移動度、サブスレッショルドスイング及びスレッショルド電圧の評価方法	IEC 62951-2:2019 specifies terms, definitions, symbols, configurations and evaluation methods that can be used to evaluate and determine the performance characteristics of flexible thin-film transistor (TFT) devices. This document specifies test methods and characteristic parameters for accurately evaluating the performance and reliability in practical use of flexible TFT devices under the bending status.	20190417	5,184円 (本体4,800円)
IEC 62951-6 Ed. 1.0:2019	Semiconductor devices – Flexible and stretchable semiconductor devices – Part 6: Test method for sheet resistance of flexible conducting films	半導体素子 – 可とう性及び伸張性半導体素子 – 第6部: 可とう性電導膜のシート抵抗の試験方法	IEC 62951-6:2019 specifies terms, as well as the test method and report of sheet resistance of the flexible conducting film under bending and folding tests. The measurement methods include the 2-point probe, 4-point probe and Montgomery method, which can be applied to in-situ and ex-situ measurement and the measurements of anisotropic sheet resistance.	20190506	18,144円 (本体16,800円)
IEC 63150-1 Ed. 1.0:2019	Semiconductor devices – Measurement and evaluation methods of kinetic energy harvesting devices under practical vibration environment – Part 1: Arbitrary and random mechanical vibrations	半導体素子 – 実際の振動環境下での運動エネルギーハーベスティング装置の測定及び評価方法 – 第1部: 任意及び不作為の機械振動	IEC 63150-1:2019 specifies terms and definitions, and test methods for kinetic energy harvesting devices for one-dimensional mechanical vibrations to determine the characteristic parameters under a practical vibration environment. Such vibration energy harvesting devices often have their own non-linear mechanisms to efficiently capture vibration energy in a broadband frequency range. This document is applicable to vibration energy harvesting devices with different power generation principles (such as electromagnetic, piezoelectric, electrostatic, etc.) and with different non-linear behaviour to the external mechanical excitation.	20190510	25,920円 (本体24,000円)

33 電気通信工学. オーディオ及びビデオ工学

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
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IEC 61156-11 Ed. 1.0:2019	Multicore and symmetrical pair/quad cables for digital communications – Part 11: Symmetrical single pair cables with transmission characteristics up to 600 MHz – Horizontal floor wiring – Sectional specification	デジタル通信用多心及び対称ペア/クアドケーブル – 第11部: 600 MHz以下の伝送特性をもつ対称シングルペアケーブル – 水平床配線 – 品種別通則	IEC 61156-11:2019 describes cables intended to be used for transmission of 1 Gbps over a single twisted pair for office, home and industrial application. An example of existing application is 1000BASE-T1, see ISO/IEC TR 11801-9906. The transmission characteristics of these cables are specified up to a frequency of 600 MHz and at a temperature of 20 °C. The cable type recognised is intended to be used for shielded channels with a nominal length of 40 m. Possible designs are U/FTP, X/UTP and X/FTP, where X stands for F, S or SF. A blank detail specification can be found in Annex A. These cables can comprise more than one pair in the event that several systems are operated in parallel. In this case, refer to Clause 7 of this document. The cables covered by this document are intended to operate with voltages and currents normally encountered in communication systems. While these cables are not intended to be used in conjunction with low impedance sources, for example, the electric power supplies of public utility mains, they are intended to be used to support the delivery of low-voltage remote powering applications.	20190506	18,144円 (本体16,800円)
IEC/TS 61850-2 Ed. 2.0:2019	Communication networks and systems for power utility automation – Part 2: Glossary	電力ユーティリティの通信ネットワーク及びシステム – 第2部: 用語解説	IEC TS 61850-2:2019 (E) contains the glossary of specific terms and definitions used in the context of Substation Automation Systems which are standardized in the various parts of the IEC 61850 series. This second edition cancels and replaces the first edition, published in 2003. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) definition of new definitions used in the new edition of the IEC 61850 standard series; b) updating of existing definitions to the new domain power utility automation of the IEC 61850 standard series and to provide homogeneity; c) removal of deprecated definitions (logical device class; generic system state event; substation automation system); d) provision of clarifications and corrections to the first edition of IEC 61850-2. This publication is of core relevance for Smart Grid	20190417	25,920円 (本体24,000円)
IEC 62148-19 Ed. 1.0:2019	Fibre optic active components and devices – Package and interface standards – Part 19: Photonic chip scale package	光ファイバ動的機器及び装置 – パッケージ及びインタフェース基準 – 第19部: フォトニックチップスケールパッケージ	IEC 62148-19: 2019 covers the photonic chip scale package. The purpose of this document is to specify adequately the physical requirements of optical transmitters and receivers that will enable mechanical interchangeability of transmitters and receivers. Keywords: physical interface for photonic chip scale packages	20190502	25,920円 (本体24,000円)
IEC/TR 62357-2 Ed. 1.0:2019	Power systems management and associated information exchange – Part 2: Use Cases and role model	電源系統制御及び関連情報交換 – 第2部: ユースケース及びロールモデル	IEC 62357-2:2019 (E), which is a technical report, establishes the list of Use Cases developed by TC 57, Power systems management and associated information exchanges, in order to prepare International Standards, Technical Reports and Technical Specifications. Use Cases are fundamental to TC 57 publications. This Technical Report: Identifies in existing standards, technical specification, reports and in ongoing TC 57 work (OD, DTS, DTR etc.) the Use Cases used as well as their links to standards, their status as Use Cases (level of description, standardization of the description referring to IEC 62559) and as IEC deliverables (are they in a TR/TS/IS, what is the status of the document CD, CDV etc.) Helps System Committees consolidate Use Cases through terminology and term definition work (link with existing relevant standards on the TC Terminology) and building links between roles and modelling frameworks (Role models). For example in TC 57 building links between the Use Case methodology and the roles used in IEC 62913-2 with CIM Interface Reference Model (IRM ? IEC 61968). Shares and promotes those Use Cases within TC 57 and outside it. TC 57 mainly describes System Use Cases in the standards it publishes. Business roles and business Use Cases are mainly described within SyC SE (System Committee Smart Energy) deliverables (IEC 62559 series and IEC 62913 series). This document provides good input in reusing System Use Cases and System Roles inside and outside TC 57. Explains the content of its Use Cases to potential users and providing support on using those Use Cases for standardization (Normative context, maturity of the Use Case, location in standardization work, roles implied).	20190417	45,360円 (本体42,000円)

35 情報技術. 事務機械

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 61131-3 SER Ed. 1.0:2019	Programmable controllers – ALL PARTS	プログラマブルコントローラ – すべての部		20190424	333,849円 (本体309,120円)
IEC 61131-10 Ed. 1.0:2019	Programmable controllers – Part 10: PLC open XML exchange format	プログラマブルコントローラ – 第10部: PLCオープンXML交換フォーマット	IEC 61131-10:2019 specifies an XML-based exchange format for the export and import of IEC 61131-3 projects. A complete IEC 61131-3 project implemented in an IEC 61131-3 environment can be transferred between different programming environments. It allows for the exchange of configuration elements, data types, and POUs written in: the textual language, instruction list (IL), the textual language, structured text (ST), the graphical language, ladder diagram (LD), the graphical language, function block diagram (FBD), and sequential function chart (SFC). The exchange format is specified as a corresponding XML schema. The XML schema is an independent file with the .xsd extension and as such part of this specification. The specification of this schema is contained in Annex A. Annex B provides recommended schemata for extensions. An example XML document is given in Annex C. It is assumed that the reader of this document is familiar with XML technology.	20190424	45,360円 (本体42,000円)
IEC 61158-3-2 Amd.1 Ed. 2.0:2019	Amendment 1 – Industrial communication networks – Fieldbus specifications – Part 3 – 2: Data-link layer service definition – Type 2 elements	修正票1 – 工業用コミュニケーションネットワークフィールドバスの仕様 – 第3-2部: データリンク層サービスの定義 – タイプ2要素		20190418	1,296円 (本体1,200円)

IEC 61158-3-2 Ed. 2.1:2019	Industrial communication networks – Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements	工業用コミュニケーションネットワークフィールドバスの仕様－第3-2部: データリンク層サービスの定義－タイプ2要素	IEC 61158-3-2:2014+A1:2019 defines the services provided to the Type 2 fieldbus application layer at the boundary between the application and data-link layers of the fieldbus reference model and systems management at the boundary between the data-link layer and systems management of the fieldbus reference model. Type 2 DL-service provides both a connected and a connectionless subset of those services specified in ISO/IEC 8886. This second edition cancels and replaces the first edition published in 2007. It constitutes a technical revision. The main changes are: Correction of references for fixed tag usage in 4.6.3.6. and update of core bibliographic references (original source documents from consortium). This consolidated version consists of the second edition (2014) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication.	20190418	45,360円 (本体42,000円)
IEC 61158-3-4 Ed. 3.0:2019	Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements	工業用コミュニケーションネットワークフィールドバスの仕様－第3-4部: データリンク層サービスの定義－タイプ4要素	IEC 61158-3-4:2019 defines the services provided to the Type 4 fieldbus application layer at the boundary between the application and data-link layers of the fieldbus reference model and systems management at the boundary between the data-link layer and systems management of the fieldbus reference model. This third edition cancels and replaces the second edition published in 2014. It constitutes a technical revision. The main changes are: Additional user parameters to services; Additional services to support distributed objects; Additional secure services	20190424	18,144円 (本体16,800円)
IEC 61158-3-12 Ed. 4.0:2019	Industrial communication networks – Fieldbus specifications – Part 3-12: Data-link layer service definition – Type 12 elements	工業用コミュニケーションネットワークフィールドバスの仕様－第3-12部: データリンク層サービスの定義－タイプ12要素	IEC 61158-3-12:2019 defines the services provided to the Type 12 fieldbus application layer at the boundary between the application and data-link layers of the fieldbus reference model and systems management at the boundary between the data-link layer and systems management of the fieldbus reference model. This fourth edition cancels and replaces the third edition published in 2014. It constitutes a technical revision. The main changes are: Technical corrections in the communication services. Editorial improvements for clarification.	20190424	31,104円 (本体28,800円)
IEC 61158-3-19 Ed. 4.0:2019	Industrial communication networks – Fieldbus specifications – Part 3-19: Data-link layer service definition – Type 19 elements	工業用コミュニケーションネットワークフィールドバスの仕様－第3-19部: データリンク層サービスの定義－タイプ19要素	IEC 61158-3-19:2019 defines the services provided to the Type 19 fieldbus application layer at the boundary between the application and data-link layers of the fieldbus reference model and systems management at the boundary between the data-link layer and systems management of the fieldbus reference model. This fourth edition cancels and replaces the third edition published in 2014. It constitutes a technical revision. The main changes are: improving the hotplug and redundancy features; improving the phase switching and the error handling; editorial improvements	20190424	18,144円 (本体16,800円)
IEC 61158-3-21 Ed. 2.0:2019	Industrial communication networks – Fieldbus specifications – Part 3-21: Data-link layer service definition – Type 21 elements	工業用コミュニケーションネットワークフィールドバスの仕様－第3-21部: データリンク層サービスの定義－タイプ21要素	IEC 61158-3-21:2019 defines in an abstract way the externally visible service provided by the Type 21 fieldbus data-link layer in terms of the primitive actions and events of the service; the parameters associated with each primitive action and event, and the form which they take and the interrelationship between these actions and events, and their valid sequences. It cancels and replaces the first edition published in 2010 and constitutes a technical revision. The main changes are listed below: Added Network Control Message Type; Miscellaneous editorial corrections.	20190424	22,032円 (本体20,400円)
IEC 61158-4-2 Ed. 4.0:2019	Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements	工業用コミュニケーションネットワークフィールドバスの仕様－第4-2部: データリンク層プロトコルの仕様－タイプ2要素	IEC 61158-4-2:2019 specifies procedures for the timely transfer of data and control information from one data-link user entity to a peer user entity, and among the data-link entities forming the distributed data-link service provider and the structure of the fieldbus DLPDUs used for the transfer of data and control information by the protocol of this standard, and their representation as physical interface data units. This fourth edition cancels and replaces the third edition published in 2014 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: clarifications of ControlNet object in 7.2; extensions and clarifications of TCP/IP interface object in 7.5; extensions and clarifications of Ethernet Link object in 7.6; clarifications of DeviceNet object in 7.7; extensions and clarifications of CCO object in 7.8; extensions and clarifications of DLR object in 7.9; extensions and clarifications of Port object in 7.11; addition of PRP/HSR Protocol and PRP/HSR Nodes Table objects in 7.12 and 7.13; extensions and clarifications of DLR protocol in Clause 10; addition of PRP/HSR protocol mapping in Clause 11; update of indicator behaviour in A.2.2 and A.2.4; miscellaneous editorial corrections.	20190418	45,360円 (本体42,000円)
IEC 61158-4-3 Ed. 4.0:2019	Industrial communication networks – Fieldbus specifications – Part 4-3: Data-link layer protocol specification – Type 3 elements	工業用コミュニケーションネットワークフィールドバスの仕様－第4-3部: データリンク層プロトコルの仕様－タイプ3要素	IEC 61158-4-3:2019 specifies procedures for the timely transfer of data and control information from one data-link user entity to a peer user entity, and among the data-link entities forming the distributed data-link service provider and the structure of the fieldbus DLPDUs used for the transfer of data and control information by the protocol of this standard, and their representation as physical interface data units. This fourth edition cancels and replaces the third edition published in 2014 and constitutes a technical revision. The main changes are: This edition includes the following significant technical changes with respect to the previous edition: corrections in Table 3; corrections in Table A.15; spelling and grammar.	20190418	45,360円 (本体42,000円)

IEC 61158-4-4 Ed. 3.0.2019	Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements	工業用コミュニケーションネットワークフィールドバスの仕様—第4-4部: データリンク層プロトコルの仕様—タイプ4要素	IEC 61158-4-4:2019 specifies procedures for the timely transfer of data and control information from one data-link user entity to a peer user entity, and among the data-link entities forming the distributed data-link service provider and the structure of the fieldbus DLPDUs used for the transfer of data and control information by the protocol of this standard, and their representation as physical interface data units. This third edition cancels and replaces the second edition published in 2014 and constitutes a technical revision. The main changes include the following significant technical changes with respect to the previous edition:a) additional user parameters to services;b) additional services to support distributed objects;c) additional secure services	20190418	31,104円 (本体28,800円)
IEC 61158-4-12 Ed. 4.0.2019	Industrial communication networks – Fieldbus specifications – Part 4-12: Data-link layer protocol specification – Type 12 elements	工業用コミュニケーションネットワークフィールドバスの仕様—第4-12部: データリンク層プロトコルの仕様—タイプ12要素	IEC 61158-4-12:2019 specifies procedures for the timely transfer of data and control information from one data-link user entity to a peer user entity, and among the data-link entities forming the distributed data-link service provider and the structure of the fieldbus DLPDUs used for the transfer of data and control information by the protocol of this standard, and their representation as physical interface data units. This fourth edition cancels and replaces the third edition published in 2014 and constitutes a technical revision. The main changes are: technical corrections and editorial improvements for clarification.	20190418	42,768円 (本体39,600円)
IEC 61158-4-19 Ed. 4.0.2019	Industrial communication networks – Fieldbus specifications – Part 4-19: Data-link layer protocol specification – Type 19 elements	工業用コミュニケーションネットワークフィールドバスの仕様—第4-19部: データリンク層プロトコルの仕様—タイプ19要素	IEC 61158-4-19:2019 specifies procedures for the timely transfer of data and control information from one data-link user entity to a peer user entity, and among the data-link entities forming the distributed data-link service provider and the structure of the fieldbus DLPDUs used for the transfer of data and control information by the protocol of this standard, and their representation as physical interface data units. This fourth edition cancels and replaces the third edition published in 2014 and constitutes a technical revision. The main changes are:improving the hotplug and redundancy features;improving the phase switching and the error handling;editorial improvements	20190418	45,360円 (本体42,000円)
IEC 61158-4-24 Ed. 2.0.2019	Industrial communication networks – Fieldbus specifications – Part 4-24: Data-link layer protocol specification – Type 24 elements	工業用コミュニケーションネットワークフィールドバスの仕様—第4-24部: データリンク層プロトコルの仕様—タイプ24要素	IEC 61158-4-24:2019 specifies procedures for the timely transfer of data and control information from one data-link user entity to a peer user entity, and among the data-link entities forming the distributed data-link service provider and the structure of the fieldbus DLPDUs used for the transfer of data and control information by the protocol of this standard, and their representation as physical interface data units. This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision with the following technical changes:patent declaration in the Introduction;corrections on transmission sequence of fixed-width time slot type in 4.3.2;technical extension for band sharing between I/O data exchange and message communication;	20190418	42,768円 (本体39,600円)
IEC 61158-5-23 Ed. 2.0.2019	Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23 elements	工業用コミュニケーションネットワークアプリケーション層サービスの定義—タイプ23要素	IEC 61158-5-23:2019 defines the services provided to the FAL user at the boundary between the user and the application layer of the fieldbus reference model, and Systems Management at the boundary between the application layer and Systems Management of the fieldbus reference model. This standard specifies the structure and services of the IEC fieldbus application layer, in conformance with the OSI Basic Reference Model (ISO/IEC 7498-1) and the OSI application layer structure (ISO/IEC 9545). This second edition cancels and replaces the first edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:addition of an attribute for Master ID (see 3.2.10, 6.4.3, 6.4.4 and 6.4.5)	20190418	41,472円 (本体38,400円)
IEC 61158-5-25 Ed. 1.0.2019	Industrial communication networks – Fieldbus specifications – Part 5-25: Application layer service definition – Type 25 elements	工業用コミュニケーションネットワークアプリケーション層サービスの定義—タイプ25要素	IEC 61158-5-25:2019 specifies the structure and services of the IEC fieldbus Application Layer, in conformance with the OSI Basic Reference Model (ISO/IEC 7498-1) and the OSI Application Layer Structure (see ISO/IEC 9545). FAL services and protocols are provided by FAL application-entities (AE) contained within the application processes. The FAL AE is composed of a set of object-oriented Application Service Elements (ASEs) and a Layer Management Entity (LME) that manages the AE. The ASEs provide communication services that operate on a set of related application process object (APO) classes. One of the FAL ASEs is a management ASE that provides a common set of services for the management of the instances of FAL classes	20190418	38,880円 (本体36,000円)
IEC 61158-5-26 Ed. 1.0.2019	Industrial communication networks – Fieldbus specifications – Part 5-26: Application layer service definition – Type 26 elements	工業用コミュニケーションネットワークフィールドバスの仕様—第5-26部: アプリケーション層サービスの定義—タイプ26要素	IEC 61158-5-26:2019(E) specifies the structure and services of the IEC fieldbus Application Layer, in conformance with the OSI Basic Reference Model (see ISO/IEC 7498-1) and the OSI Application Layer Structure (see ISO/IEC 9545). FAL services and protocols are provided by FAL application-entities (AE) contained within the application processes. The FAL AE is composed of a set of object-oriented Application Service Elements (ASEs) and a Layer Management Entity (LME) that manages the AE. The ASEs provide communication services that operate on a set of related application process object (APO) classes. One of the FAL ASEs is a management ASE that provides a common set of services for the management of the instances of FAL classes.	20190418	41,472円 (本体38,400円)

IEC/TR 62368-2 Ed. 3.0:2019 RLV (Redline version)	Audio/video, information and communication technology equipment – Part 2: Explanatory information related to IEC 62368-1:2018	オーディオ/ビデオ、情報及び通信技術機器 – 第2部:IEC 62368-1:2018に関する解説情報	IEC TR 62368-2:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC TR 62368-2:2019 provides explanatory information related to IEC 62368-1. Only those subclauses considered to need further background reference information or explanation of their content to benefit the reader are included. Therefore, not all numbered subclauses are cited. Unless otherwise noted, all references are to clauses, subclauses, annexes, figures or tables located in IEC 62368-1:2018. This third edition updates the second edition of IEC 62368-2 published in 2014 to take into account changes made to IEC 62368-1:2014 as identified in the Foreword of IEC 62368-1:2018. This Technical Report is informative only. In case of a conflict between IEC 62368-1 and IEC TR 62368-2, the requirements in IEC 62368-1 prevail over this Technical Report.	20190507	58,968円 (本体54,600円)
IEC/TR 62368-2 Ed. 3.0:2019	Audio/video, information and communication technology equipment – Part 2: Explanatory information related to IEC 62368-1:2018	オーディオ/ビデオ、情報及び通信技術機器 – 第2部:IEC 62368-1:2018に関する解説情報	IEC TR 62368-2:2019 is available as IEC TR 62368-2:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC TR 62368-2:2019 provides explanatory information related to IEC 62368-1. Only those subclauses considered to need further background reference information or explanation of their content to benefit the reader are included. Therefore, not all numbered subclauses are cited. Unless otherwise noted, all references are to clauses, subclauses, annexes, figures or tables located in IEC 62368-1:2018. This third edition updates the second edition of IEC 62368-2 published in 2014 to take into account changes made to IEC 62368-1:2014 as identified in the Foreword of IEC 62368-1:2018. This Technical Report is informative only. In case of a conflict between IEC 62368-1 and IEC TR 62368-2, the requirements in IEC 62368-1 prevail over this Technical Report.	20190507	45,360円 (本体42,000円)

39 精密機械、宝石類

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60086-SER Ed. 1.0:2019	Primary batteries – ALL PARTS	一次電池 – すべての部		20190425	147,225円 (本体136,320円)

45 鉄道工学

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 61991 Ed. 2.0:2019	Railway applications – Rolling stock – Protective provisions against electrical hazards	・鉄道分野 – 鉄道車両 – 電氣的危険性に関する防護規則	IEC 61991:2019 is available as IEC 61991:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 61991:2019 defines requirements applied in the design and manufacture of electrical installations and equipment to be used on rolling stock to protect persons from electric shocks. This document is applicable to rolling stock of rail transport systems, road transport systems if they are powered by an external supply (e.g. trolley buses), magnetically levitated transport systems, and to the electrical equipment installed in these systems. This second edition cancels and replaces the first edition, published in 2000. It is based on EN 50153:2014. This edition includes the following significant technical changes with respect to the previous edition:a) replacement of several reference standards;b) several terms and abbreviated terms are introduced;c) special national conditions are included in annex	20190510	25,920円 (本体24,000円)
IEC 61991 Ed. 2.0:2019 RLV (Redline version)	Railway applications – Rolling stock – Protective provisions against electrical hazards	・鉄道分野 – 鉄道車両 – 電氣的危険性に関する防護規則	IEC 61991:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 61991:2019 defines requirements applied in the design and manufacture of electrical installations and equipment to be used on rolling stock to protect persons from electric shocks. This document is applicable to rolling stock of rail transport systems, road transport systems if they are powered by an external supply (e.g. trolley buses), magnetically levitated transport systems, and to the electrical equipment installed in these systems. This second edition cancels and replaces the first edition, published in 2000. It is based on EN 50153:2014. This edition includes the following significant technical changes with respect to the previous edition:a) replacement of several reference standards;b) several terms and abbreviated terms are introduced;c) special national conditions are included in annex	20190510	33,696円 (本体31,200円)

91 建設材料及び建築物

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
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IEC 60335-2-51 Ed. 4.0:2019	Household and similar electrical appliances – Safety – Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	家庭用及び類似用途の電気機器－安全性－第2-51部：加熱用固定循環ポンプ及び水道水設備の特定要求事項	IEC 60335-2-51:2019 is available as IEC 60335-2-51:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60335-2-51:2019 deals with the safety of electric stationary circulation pumps for household and similar purposes intended for use in heating systems or in service water systems, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. The hydraulic and electrical parts of the pump can be in the same enclosure, so that the water flows through the motor and serves as a coolant, or they can be separated. Appliances not intended for normal household use, but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account, persons (including children) whose physical, sensory or mental capabilities; or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; children playing with the appliance.Attention is drawn to the fact that: for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements can be necessary; in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities.	20190415	9,072円 (本体8,400円)
IEC 60335-2-51 Ed. 4.0:2019 RLV (Redline version)	Household and similar electrical appliances – Safety – Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	家庭用及び類似用途の電気機器－安全性－第2-51部：加熱用固定循環ポンプ及び水道水設備の特定要求事項	IEC 60335-2-51:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 60335-2-51:2019 deals with the safety of electric stationary circulation pumps for household and similar purposes intended for use in heating systems or in service water systems, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. The hydraulic and electrical parts of the pump can be in the same enclosure, so that the water flows through the motor and serves as a coolant, or they can be separated. Appliances not intended for normal household use, but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account, persons (including children) whose physical, sensory or mental capabilities; or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; children playing with the appliance.Attention is drawn to the fact that: for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements can be necessary; in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities.	20190415	11,793円 (本体10,920円)

93 土木工学

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 61820-1 Ed. 1.0:2019	Electrical installations for aeronautical ground lighting at aerodromes – Part 1: Fundamental principles	小規模飛行場の航空地上照管用電気設備－第1部：基本原理	IEC 61820-1:2019 covers principles of design and installation requirements for AGL systems including control, monitoring and transformation of energy, the cables and any electrical component utilized to produce the light intended to be used as a visual aid for air and ground navigation. This document defines in general the fundamental principles to provide safe, reliable and efficient operation of AGL systems independent of the particular system design. Where certain aspects of design are specific to a particular type of system (e.g. series-circuit), these are supplemented in the applicable part.	20190502	12,960円 (本体12,000円)

97 家庭用及び商業用装置、娯楽、スポーツ

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
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<p>IEC 60335-2-11 Ed. 8.0:2019</p>	<p>Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers</p>	<p>家庭用及び類似の電気機器 – 安全性 – 第2-11部: 回転式乾燥機の特定要求事項</p>	<p>IEC 60335-2-11:2019 is available as IEC 60335-2-11:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60335-2-11:2019 deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard applies to the drying function of washing machines having a drying cycle. This standard also deals with the safety of tumble dryers that use a refrigerating system, incorporating sealed motor-compressors, for drying textile material. These appliances may use flammable refrigerants. Additional requirements for these appliances are given in Annex AA. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms are within the scope of this standard. Examples of such appliances are tumble dryers for communal use in blocks of flats or in launderettes. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons. However, in general, it does not take into account: persons (including children) whose physical, sensory or mental capabilities; or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction; children playing with the appliance. Attention is drawn to the fact that: for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary.</p>	<p>20190415</p>	<p>25,920円 (本体24,000円)</p>
<p>IEC 60335-2-11 Ed. 8.0:2019 RLV (Redline version)</p>	<p>Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers</p>	<p>家庭用及び類似の電気機器 – 安全性 – 第2-11部: 回転式乾燥機の特定要求事項</p>	<p>IEC 60335-2-11:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 60335-2-11:2019 deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard applies to the drying function of washing machines having a drying cycle. This standard also deals with the safety of tumble dryers that use a refrigerating system, incorporating sealed motor-compressors, for drying textile material. These appliances may use flammable refrigerants. Additional requirements for these appliances are given in Annex AA. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms are within the scope of this standard. Examples of such appliances are tumble dryers for communal use in blocks of flats or in launderettes. As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons. However, in general, it does not take into account: persons (including children) whose physical, sensory or mental capabilities; or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction.</p>	<p>20190415</p>	<p>33,696円 (本体31,200円)</p>
<p>IEC 62311 Ed. 2.0:2019</p>	<p>Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)</p>	<p>電磁界(0 Hz~300 GHz)への人の暴露制限に関する電子電気機器の評価</p>	<p>IEC 62311:2019 applies to electronic and electrical equipment for which no dedicated product standard or product family standard regarding human exposure to electromagnetic fields applies. It covers equipment with intentional or non-intentional radiators as well as a combination thereof. This document provides assessment methods and criteria to evaluate equipment against limits on exposure of people related to electric, magnetic and electromagnetic fields. The frequency range covered is from 0 Hz to 300 GHz. This second edition cancels and replaces the first edition published in 2007. This edition constitutes a technical revision. This document does not specify limits expressed by means of basic restrictions and/or reference levels. Such limits are subject to the applied assessment scheme, for example by means of regional limits. This edition includes the following significant technical changes with respect to the previous edition: a) a clear distinction between intentional and unintentional radiators has been introduced; b) the exposure to non-uniform fields is considered; c) the treatment of uncertainty for the assessment procedures has been improved; d) various summation regimes are described in Annex A; e) the information from meanwhile published basic standards has been used and hence all informative annexes of the previous edition have been removed. Key words: Human Exposure, Electromagnetic Fields (0 Hz to 300 GHz).</p>	<p>20190418</p>	<p>25,920円 (本体24,000円)</p>