IEC規格　　--- 2019-8月 新刊情報 ---

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13 環境．健康予防．安全

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 61563 Ed. 2.0:2019	Radiation protection instrumentation – Equipment for measuring the activity concentration of gamma-emitting radionuclides in foodstuffs	放射線防護計装－食品中のガンマ線放射核種の比放射能を計測するポータブル機器	IEC 61563:2019 applies to instruments used to measure the activity and/or activity concentration of gamma-emitting radionuclides in food and/or foodstuffs. This document applies to instruments used both as gross count type instruments and pulse height analysing type instruments used in field conditions and in measurement facilities. This document does not apply to high-resolution spectrometers that use germanium detectors. The instruments to which this document applies can be used to measure the activity and activity concentration of gamma-emitting radionuclides for a wide variety of samples, such as soil, sewage, plant, and animal life. The object of this document is to establish performance requirements, to provide test methods and to specify general characteristics, general test conditions, and radiological, environmental, mechanical and electromagnetic characteristics to be used to determine whether an instrument meets the requirements of this document. The test results provide information to end-users and manufacturers regarding the capability of instrument for reliable measurement of the activity and/or activity concentration of gamma-emitting radionuclides. This second edition cancels and replaces the first edition published in 2001. This edition includes the following significant technical changes with respect to the previous edition: a) The previous edition applied to handheld-type and portable-type instruments. This edition applies to transportable-type and installed-type instruments, as well as the scope of the previous edition. The handheld-type and portable-type instruments are mainly used in case of a post accidental situation,	20190717	25,920円（本体24,000円）
IEC/TR 61577-5 Ed. 1.0:2019	Radiation protection instrumentation – Radon and radon decay product measuring instruments – Part 5: General properties of radon and radon decay products and their measurement methods	放射線防護計装－ラドン及びラドン崩壊生成物計測計器－第5部:ラドンとラドン崩壊生成物の一般的な性質及び測定方法	IEC TR 61577-5:2019 provides basic data and technical information in order to support the design of instruments and their practical application for the measurement. The document covers 222Rn as well as 220Rn and the short-lived decay products of both. It is an accompanying document for the application of the technical standards series IEC 61577, and provides physical and technical fundamentals of the measurements methods.	20190716	34,992円（本体32,400円）

29 電気工学

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 GUIDE 104 Ed. 5.0:2019	The preparation of safety publications and the use of basic safety publications and group safety publications	安全出版物の作成並びに基本安全出版物及びグループ安全出版物の使用	IEC Guide 104:2019(E) is mandatory and defines procedures for the preparation of safety publications in addition to ISO/IEC Guide 51, including the preparation and use of basic safety publications and group safety publications. Also describes the relationship between TCs with horizontal safety functions or group safety functions and product TCs. In the context of this guide, ""safety"" relates to the safety of persons, domestic animals, livestock and property. The main changes with respect to the previous edition are as follows: – alignment with terms and definitions of ISO/IEC Guide 51:2014; – reference to IEC Guide 108 in the introduction; – creation of BASIC SAFETY PUBLICATION and GROUP SAFETY PUBLICATION subcategories to clarify the different types of document (requirements, guidance, mandatory test procedures and reference data); – improved structure: new titles and subclauses; – addition to the responsibilities of the technical committees (TCs) with HORIZONTAL SAFETY FUNCTION: development of their publications in collaboration with customer TCs and monitoring the use of their SAFETY publications; – replacement of Annex A and the associated text by reference to IEC Guide 116; – shortened status statement for publications with BASIC SAFETY PUBLICATION designation; – addition of the scope items of a PRODUCT SAFETY STANDARD.	20190724	12,960円（本体12,000円）
IEC 60071-SER Ed. 1.0:2019	絶縁協調－すべての部	Insulation co-ordination – ALL PARTS		20190808	146,448円（本体135,600円）

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IEC 60071-1 Ed. 9.0:2019 RLV (Redline version)	絶縁協調－第1部：用語の意味,原理及び規則	Insulation co-ordination – Part 1: Definitions, principles and rules	IEC 60071-1:2019 is available as IEC 60071-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60071-1:2019 applies to three-phase AC systems having a highest voltage for equipment above 1 kV. It specifies the procedure for the selection of the rated withstand voltages for the phase-to-earth, phase-to-phase and longitudinal insulation of the equipment and the installations of these systems. It also gives the lists of the standard withstand voltages from which the rated withstand voltages are selected. This document describes that the selected withstand voltages are associated with the highest voltage for equipment. This association is for insulation co-ordination purposes only. The requirements for human safety are not covered by this document. Although the principles of this document also apply to transmission line insulation, the values of their withstand voltages can be different from the standard rated withstand voltages. The apparatus committees are responsible for specifying the rated withstand voltages and the test procedures suitable for the relevant equipment taking into consideration the recommendations of this document. NOTE In IEC 60071-2, all rules for insulation co ordination given in this document are justified in detail, in particular the association of the standard rated withstand voltages with the highest voltage for equipment. When more than one set of standard rated withstand voltages is associated with the same highest voltage for equipment, guidance is provided for the selection of the most suitable set.	20190808	33,696円（本体31,200円）
IEC 60071-1 Ed. 9.0:2019	絶縁協調－第1部：用語の意味,原理及び規則	Insulation co-ordination – Part 1: Definitions, principles and rules	IEC 60071-1:2019 is available as IEC 60071-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60071-1:2019 applies to three-phase AC systems having a highest voltage for equipment above 1 kV. It specifies the procedure for the selection of the rated withstand voltages for the phase-to-earth, phase-to-phase and longitudinal insulation of the equipment and the installations of these systems. It also gives the lists of the standard withstand voltages from which the rated withstand voltages are selected. This document describes that the selected withstand voltages are associated with the highest voltage for equipment. This association is for insulation co-ordination purposes only. The requirements for human safety are not covered by this document. Although the principles of this document also apply to transmission line insulation, the values of their withstand voltages can be different from the standard rated withstand voltages. The apparatus committees are responsible for specifying the rated withstand voltages and the test procedures suitable for the relevant equipment taking into consideration the recommendations of this document. NOTE In IEC 60071-2, all rules for insulation co ordination given in this document are justified in detail, in particular the association of the standard rated withstand voltages with the highest voltage for equipment. When more than one set of standard rated withstand voltages is associated with the same highest voltage for equipment, guidance is provided for the selection of the most suitable set.	20190808	25,920円（本体24,000円）
IEC 60317-2 Ed. 5.0:2019	特定の種類の巻線の仕様－第2部：はんだ付け可能なポリウレタンエナメル丸銅線，クラス130，融着層付	Specifications for particular types of winding wires – Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer	IEC 60317-2:2019 is available as IEC 60317-2:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60317-2:2019 specifies the requirements of solderable enamelled round copper winding wire of class 130 with a dual coating. The underlying coating is based on polyurethane resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is a bonding layer based on a thermoplastic resin. NOTE A modified resin is a resin that has undergone a chemical change, or contains one or more additives to enhance certain performance or application characteristics. The range of nominal conductor diameters covered by this standard is: Grade 1B: 0,020 mm up to and including 2,000 mm; Grade 2B: 0,020 mm up to and including 2,000 mm. The nominal conductor diameters are specified in Clause 4 of IEC 60317-0-1:2013. This fifth edition cancels and replaces the fourth edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) addition of heat bonding test loads for nominal conductor diameters up to and including 0,050 mm; b) addition of pin hole test requirements according to IEC 60317-0-1:2013. Keywords: insulated wires used for windings	20190808	9,072円（本体8,400円）

IEC 60317-2 Ed. 5.0:2019 RLV (Redline version)	特定の種類の巻線の仕様－第2部：はんだ付け可能なポリウレタンエナメル丸銅線，クラス130，融着層付	Specifications for particular types of winding wires – Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer	IEC 60317-2:2019 is available as IEC 60317-2:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60317-2:2019 specifies the requirements of solderable enamelled round copper winding wire of class 130 with a dual coating. The underlying coating is based on polyurethane resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is a bonding layer based on a thermoplastic resin. NOTE A modified resin is a resin that has undergone a chemical change, or contains one or more additives to enhance certain performance or application characteristics. The range of nominal conductor diameters covered by this standard is: Grade 1B: 0,020 mm up to and including 2,000 mm; Grade 2B: 0,020 mm up to and including 2,000 mm. The nominal conductor diameters are specified in Clause 4 of IEC 60317-0-1:2013. This fifth edition cancels and replaces the fourth edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) addition of heat bonding test loads for nominal conductor diameters up to and including 0,050 mm; b) addition of pin hole test requirements according to IEC 60317-0-1:2013. Keywords: insulated wires used for windings	20190808	11,793円（本体10,920円）
IEC 60684-3-214 Ed. 4.0:2019	可とう絶縁スリーブ－第3部：個々のスリーブタイプの仕様－シート214：熱収縮ポリオレフィンスリーブ，非難燃性，厚壁及び中厚壁	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall	IEC 60684-3-214:2019 is available as IEC 60684-3-214:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 15-60684-3-214:2019 gives the requirements for two types of heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall with a nominal shrink ratio of 3:1. This sleeving has been found suitable for use at temperatures of up to 100 C. – Type A: Medium wall – internal diameter up to 200 mm typically. – Type B: Thick wall – internal diameter up to 200 mm typically. These sleevings are normally supplied in colour black. Since these types of sleeving cover a significantly large range of sizes and wall thicknesses, Annex A (Tables A.1 and A.2) of this document provides a guide to the range of sizes available. The actual size will be agreed between the user and supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This fourth edition cancels and replaces the third edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical change with respect to the previous edition: – removal of colour fastness to light test, as this is covered by the test for carbon black content.	20190808	9,072円（本体8,400円）
IEC 60684-3-214 Ed. 4.0:2019 RLV (Redline version)	可とう絶縁スリーブ－第3部：個々のスリーブタイプの仕様－シート214：熱収縮ポリオレフィンスリーブ，非難燃性，厚壁及び中厚壁	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 214: Heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall	IEC 60684-3-214:2019 is available as IEC 60684-3-214:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 15-60684-3-214:2019 gives the requirements for two types of heat-shrinkable, polyolefin sleeving, not flame retarded, thick and medium wall with a nominal shrink ratio of 3:1. This sleeving has been found suitable for use at temperatures of up to 100 C. – Type A: Medium wall – internal diameter up to 200 mm typically. – Type B: Thick wall – internal diameter up to 200 mm typically. These sleevings are normally supplied in colour black. Since these types of sleeving cover a significantly large range of sizes and wall thicknesses, Annex A (Tables A.1 and A.2) of this document provides a guide to the range of sizes available. The actual size will be agreed between the user and supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This fourth edition cancels and replaces the third edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical change with respect to the previous edition: – removal of colour fastness to light test, as this is covered by the test for carbon black content.	20190808	11,793円（本体10,920円）

IEC 60684-3-216 Ed. 2.0:2019	可とう絶縁スリーブ－第3部：個々のスリーブタイプの仕様－シート216：熱収縮，難燃性，限定火災危険スリーブ	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 216: Heat-shrinkable, flame- retarded, limited-fire-hazard sleeving	IEC 60684-3-216:2019 is available as IEC 60684-3-216:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60684-3-216: 2019 gives the requirements for four types of heat-shrinkable, flame-retarded, limited-fire-hazard sleeving with a thermal endurance rating of 105 C as shown below. Class A: thin wall shrink ratio 2:1 internal diameter up to 102,0 mm Class B: medium wall shrink ratio 2:1 internal diameter up to 60,0 mm Class C: thick wall shrink ratio 2:1 internal diameter up to 51,0 mm Class D: medium wall shrink ratio 3:1 internal diameter up to 40,0 mm These sleevings are normally supplied in the following colours: black, red, green, blue, white, yellow and green/yellow. Sizes or colours other than those listed in this document are available as custom items. These items are considered to comply with this document if they comply with the property requirements listed in Tables 5, 6, 7 and 8, excluding dimensions and mass. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This second edition cancels and replaces the first edition published in 2001, Amendment 1:2005 and Amendment 2:2013. This edition constitutes a technical revision.	20190808	9,072円（本体8,400円）
IEC 60684-3-216 Ed. 2.0:2019 RLV (Redline version)	可とう絶縁スリーブ－第3部：個々のスリーブタイプの仕様－シート216：熱収縮，難燃性，限定火災危険スリーブ	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 216: Heat-shrinkable, flame- retarded, limited-fire-hazard sleeving	IEC 60684-3-216:2019 is available as IEC 60684-3-216:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60684-3-216: 2019 gives the requirements for four types of heat-shrinkable, flame-retarded, limited-fire-hazard sleeving with a thermal endurance rating of 105 C as shown below. Class A: thin wall shrink ratio 2:1 internal diameter up to 102,0 mm Class B: medium wall shrink ratio 2:1 internal diameter up to 60,0 mm Class C: thick wall shrink ratio 2:1 internal diameter up to 51,0 mm Class D: medium wall shrink ratio 3:1 internal diameter up to 40,0 mm These sleevings are normally supplied in the following colours: black, red, green, blue, white, yellow and green/yellow. Sizes or colours other than those listed in this document are available as custom items. These items are considered to comply with this document if they comply with the property requirements listed in Tables 5, 6, 7 and 8, excluding dimensions and mass. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This second edition cancels and replaces the first edition published in 2001, Amendment 1:2005 and Amendment 2:2013.	20190808	11,793円（本体10,920円）
IEC 60684-3-247 Ed. 2.0:2019	可とう絶縁スリーブ－第3部：スリーブの個々のタイプの仕様－シート247：熱収縮性ポリオレフィンスリーブ，複壁，非難燃性，厚壁及び中厚壁	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 247: Heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded, thick and medium wall	IEC 60684-3-247:2019 is available as IEC 60684-3-247:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60684-3-247:2019 gives the requirements for two types of heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded with a nominal shrink ratio of 3:1. This sleeving has been found suitable for use at temperatures of up to 100 C. – Type A: Medium wall, internal diameter up to 200,0 mm typically. – Type B: Thick wall, internal diameter up to 200,0 mm typically. These sleevings are normally supplied in colour black. Since these types of sleving cover a significantly large range of sizes and wall thicknesses, Annex A (Tables A.1 and A.2) provides a guide to the range of sizes available. The actual size will be agreed between the user and supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This second edition cancels and replaces the first edition published in 2011 and Amendment 1:2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous editions:	20190808	9,072円（本体8,400円）

IEC 60684-3-247 Ed. 2.0:2019 RLV (Redline version)	可とう絶縁スリーブ－第3部：スリーブの個々のタイプの仕様－シート247：熱収縮性ポリオレフィンスリーブ，複壁，非難燃性，厚壁及び中厚壁	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 247: Heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded, thick and medium wall	IEC 60684-3-247:2019 is available as IEC 60684-3-247:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60684-3-247:2019 gives the requirements for two types of heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded with a nominal shrink ratio of 3:1. This sleeving has been found suitable for use at temperatures of up to 100 C. – Type A: Medium wall, internal diameter up to 200,0 mm typically. – Type B: Thick wall, internal diameter up to 200,0 mm typically. These sleevings are normally supplied in colour black. Since these types of sleving cover a significantly large range of sizes and wall thicknesses, Annex A (Tables A.1 and A.2) provides a guide to the range of sizes available. The actual size will be agreed between the user and supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This second edition cancels and replaces the first edition published in 2011 and Amendment 1:2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous editions:	20190808	11,793円（本体10,920円）
IEC 61333 Ed. 2.0:2019	Marking on ferrite cores	フェライト磁心へのマーキング	IEC 61333:2019 specifies marking locations and a coding system of marking on ferrite cores. An alphanumerical marking printed or attached to cores reduces the risk of incorrect assembly, mixing of materials and/or mixing of gapped cores on an assembly line. The markings of the inductance factor AL value or of the gap length are especially important to avoid this kind of problem, and their coding system is specified in this document. This edition includes the following significant technical changes with respect to the previous edition a) the title of the document was changed; b) the scope of this document was expanded; c) the marking position instructions for ring cores, planar cores, RM-cores, PQ-cores and pot-cores were added in Clause 4 with a few additional descriptions; d) the four-digit-maximum limit of material identification code has been deleted in 5.2; e) in Table 1, the unit of AL has been changed from ""nH"" to ""nH/N2"".	20190730	5,184円（本体4,800円）
IEC 61557-1 Ed. 3.0:2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第1部：一般要求事項	IEC 61557-1:2019 is available as IEC 61557-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-1:2019 specifies the general requirements applicable to measuring and monitoring equipment for testing the electrical safety in low-voltage distribution systems with nominal voltages up to 1 000 V AC and 1 500 V DC. When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series relevant to each of the measurement tasks is applicable. Other parts of IEC 61557 can specify additional requirements or deviations. This document does not cover functional safety or cybersecurity. IEC 61557-1:2019 cancels and replaces the second edition published in 2007. This edition constitutes a technical revision. This third edition includes the following significant technical changes with respect to the previous edition: a) terms aligned with IEC 60050; b) measurement of uncertainty revised according to the equations in 4.2 of ISO/IEC Guide 98-3:2008 (GUM); c) updated references for safety and EMC requirements; d) updated references for marking and operating instructions; e) updated references for testing safety and EMC; f) Annex A contains an explanation of GUM; g) Annex B addresses environmental aspects.	20190726	18,144円（本体16,800円）
IEC 61557-1 Ed. 3.0:2019 RLV (Redline version)	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第1部：一般要求事項	IEC 61557-1:2019 is available as IEC 61557-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-1:2019 specifies the general requirements applicable to measuring and monitoring equipment for testing the electrical safety in low-voltage distribution systems with nominal voltages up to 1 000 V AC and 1 500 V DC. When measuring equipment or measuring installations involve measurement tasks of various measuring equipment covered by this series of standards, then the part of this series relevant to each of the measurement tasks is applicable. Other parts of IEC 61557 can specify additional requirements or deviations. This document does not cover functional safety or cybersecurity. IEC 61557-1:2019 cancels and replaces the second edition published in 2007. This edition constitutes a technical revision. This third edition includes the following significant technical changes with respect to the previous edition: a) terms aligned with IEC 60050; b) measurement of uncertainty revised according to the equations in 4.2 of ISO/IEC Guide 98-3:2008 (GUM); c) updated references for safety and EMC requirements; d) updated references for marking and operating instructions; e) updated references for testing safety and EMC; f) Annex A contains an explanation of GUM; g) Annex B addresses environmental aspects.	20190726	23,587円（本体21,840円）

IEC 61557-2 Ed. 3.0:2019 RLV (Redline version)	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 2: Insulation resistance	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第2部：絶縁抵抗	IEC 61557-2:2019 is available as IEC 61557-2:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-2:2019 specifies the requirements applicable to equipment for measuring the insulation resistance of equipment and installations in the de-energized state IEC 61557-2:2019 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) addition of requirements as regards measurement category; b) addition of new requirements for operating instructions; c) alignment of the structure with that of the the whole IEC 61557 series.	20190726	6,739円（本体6,240円）
IEC 61557-2 Ed. 3.0:2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 2: Insulation resistance	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第2部：絶縁抵抗	IEC 61557-2:2019 is available as IEC 61557-2:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-2:2019 specifies the requirements applicable to equipment for measuring the insulation resistance of equipment and installations in the de-energized state IEC 61557-2:2019 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) addition of requirements as regards measurement category; b) addition of new requirements for operating instructions; c) alignment of the structure with that of the the whole IEC 61557 series.	20190726	5,184円（本体4,800円）
IEC 61557-3 Ed. 3.0:2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 3: Loop impedance	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第3部：ループインピーダンス	IEC 61557-3:2019 is available as IEC 61557-3:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-3:2019 specifies the requirements applicable to equipment for measuring the loop impedance between a line conductor and protective conductor; between a line conductor and neutral; or between two line conductors by using the voltage drop when the circuit under test is loaded. IEC 61557-3:2019 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) addition of equirements as regards the measurement category; b) addition of new requirements for operating instructions; c) alignment of the structure with that of the whole IEC 61557 series.	20190726	5,184円（本体4,800円）
IEC 61557-3 Ed. 3.0:2019 RLV (Redline version)	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 3: Loop impedance	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第3部：ループインピーダンス	IEC 61557-3:2019 is available as IEC 61557-3:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-3:2019 specifies the requirements applicable to equipment for measuring the loop impedance between a line conductor and protective conductor; between a line conductor and neutral; or between two line conductors by using the voltage drop when the circuit under test is loaded. IEC 61557-3:2019 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) addition of equirements as regards the measurement category; b) addition of new requirements for operating instructions; c) alignment of the structure with that of the whole IEC 61557 series.	20190726	11,793円（本体10,920円）
IEC 61557-4 Ed. 3.0:2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 4: Resistance of earth connection and equipotential bonding	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第4部：接地接続及び等電位結合の抵抗	IEC 61557-4:2019 is available as IEC 61557-4:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-4:2019 specifies the requirements applicable to equipment for measuring the resistance of earth conductors, protective earth conductors and conductors for equipotential bonding, including their connections and terminals, with an indication of the measured value or an indication of the limits. IEC 61557-4:2019 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) complement to the measurement category in Clause 4; b) correction of the equation for operating uncertainty; c) complement to the requirements for measuring with DC; d) alignment of the structure with that of the whole IEC 61557 series.	20190726	5,184円（本体4,800円）

IEC 61557-4 Ed. 3.0:2019 RLV (Redline version)	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 4: Resistance of earth connection and equipotential bonding	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第4部：接地接続及び等電位結合の抵抗	IEC 61557-4:2019 is available as IEC 61557-4:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-4:2019 specifies the requirements applicable to equipment for measuring the resistance of earth conductors, protective earth conductors and conductors for equipotential bonding, including their connections and terminals, with an indication of the measured value or an indication of the limits. IEC 61557-4:2019 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) complement to the measurement category in Clause 4; b) correction of the equation for operating uncertainty; c) complement to the requirements for measuring with DC; d) alignment of the structure with that of the whole IEC 61557 series.	20190726	6,739円（本体6,240円）
IEC 61557-5 Ed. 3.0:2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 5: Resistance to earth	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第5部：対地抵抗	IEC 61557-5:2019 is available as IEC 61557-5:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-5:2019 specifies the requirements applicable to measuring equipment for measuring the resistance to earth using an AC voltage. IEC 61557-5:2019 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) definitions and symbols in Clause 3 modified; b) subclauses in Clause 4 restructured and aligned with other parts of the series; c) limits for reduced voltages 25 V RMS or 35 V peak removed from 4.5; d) requirements for clamps added; e) marking for rated voltages to earth and measurement category added to Clause 5; f) warning about absence of hazardous voltage added in Clause 5; g) the term ""percentage operating uncertainty"" replaced by ""operating uncertainty"" in Clause 6; h) equation for uncertainty corrected in Table 1; i) new Annex A on test measurements with loop clamps added.	20190726	9,072円（本体8,400円）
IEC 61557-5 Ed. 3.0:2019 RLV (Redline version)	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 5: Resistance to earth	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第5部：対地抵抗	IEC 61557-5:2019 is available as IEC 61557-5:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-5:2019 specifies the requirements applicable to measuring equipment for measuring the resistance to earth using an AC voltage. IEC 61557-5:2019 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) definitions and symbols in Clause 3 modified; b) subclauses in Clause 4 restructured and aligned with other parts of the series; c) limits for reduced voltages 25 V RMS or 35 V peak removed from 4.5; d) requirements for clamps added; e) marking for rated voltages to earth and measurement category added to Clause 5; f) warning about absence of hazardous voltage added in Clause 5; g) the term ""percentage operating uncertainty"" replaced by ""operating uncertainty"" in Clause 6; h) equation for uncertainty corrected in Table 1; i) new Annex A on test measurements with loop clamps added.	20190726	11,793円（本体10,920円）
IEC 61557-6 Ed. 3.0:2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 6: Effectiveness of residual current devices (RCD) in TT, TN and IT systems	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第6部：TT及びTN及びITシステムにおける残留電流装置(RCD)	IEC 61557-6:2019 is available as IEC 61557-6:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-6:2019 specifies the requirements applicable to measuring equipment for testing the effectiveness of protective measures of residual current devices (RCD) installed in TT, TN and IT systems. It is not the purpose of this document to verify the RCD according to their product standards. IEC 61557-6:2019 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) addition of requirements for testing a new type of RCD; b) addition of requirements for type B RCDs (former Annex B); c) addition of new Annex B on recommended tripping times; d) alignment of the structure with that of the whole IEC 61557 series.	20190726	9,072円（本体8,400円）

IEC 61557-6 Ed. 3.0:2019 RLV (Redline version)	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 6: Effectiveness of residual current devices (RCD) in TT, TN and IT systems	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第6部：TT及びTN及びITシステムにおける残留電流装置(RCD)	IEC 61557-6:2019 is available as IEC 61557-6:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-6:2019 specifies the requirements applicable to measuring equipment for testing the effectiveness of protective measures of residual current devices (RCD) installed in TT, TN and IT systems. It is not the purpose of this document to verify the RCD according to their product standards. IEC 61557-6:2019 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) addition of requirements for testing a new type of RCD; b) addition of requirements for type B RCDs (former Annex B); c) addition of new Annex B on recommended tripping times; d) alignment of the structure with that of the whole IEC 61557 series.	20190726	11,793円（本体10,920円）
IEC 61557-7 Ed. 3.0:2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 7: Phase sequence	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第7部：位相シーケンス	IEC 61557-7:2019 is available as IEC 61557-7:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-7:2019 specifies the requirements applicable to measuring equipment for testing the phase sequence in three-phase distribution systems. Indication of the phase sequence can be mechanical, visual and/or audible. This document does not apply to additional measurements for other quantities. It does not apply to monitoring relays. IEC 61557-7:2019 cancels and replaces the second edition published in 2007. This edition constitutes a technical revision. This edition includes the following changes with respect to the previous edition: a) alignment of the structure with that of the whole IEC 61557 series; b) updated requirements in 4.3 in accordance with new editions of IEC 61010-1 and IEC 61010-031; c) the information on markings was extended; d) the information on the operating instructions was extended; e) complement to the information on the testing of leads; f) test leads for insulated conductors were introduced; g) Annex B was added with information on phase sequence tests and indications.	20190726	9,072円（本体8,400円）
IEC 61557-7 Ed. 3.0:2019 RLV (Redline version)	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC – Equipment for testing, measuring or monitoring of protective measures – Part 7: Phase sequence	1000 V a.c.及び1500 V d.c.以下の低電圧配電システムの電気的安全性－保護措置試験，計測又は監視用機器－第7部：位相シーケンス	IEC 61557-7:2019 is available as IEC 61557-7:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61557-7:2019 specifies the requirements applicable to measuring equipment for testing the phase sequence in three-phase distribution systems. Indication of the phase sequence can be mechanical, visual and/or audible. This document does not apply to additional measurements for other quantities. It does not apply to monitoring relays. IEC 61557-7:2019 cancels and replaces the second edition published in 2007. This edition constitutes a technical revision. This edition includes the following changes with respect to the previous edition: a) alignment of the structure with that of the whole IEC 61557 series; b) updated requirements in 4.3 in accordance with new editions of IEC 61010-1 and IEC 61010-031; c) the information on markings was extended; d) the information on the operating instructions was extended; e) complement to the information on the testing of leads; f) test leads for insulated conductors were introduced; g) Annex B was added with information on phase sequence tests and indications.	20190726	11,793円（本体10,920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 60539-2 Ed. 2.0:2019	Directly heated negative temperature coefficient thermistors – Part 2: Sectional specification – Surface mount negative temperature coefficient thermistors	直接加熱NTCサーミスター第2部：品種別通則－表面実装NTCサーミスタ	IEC 60539-2:2019 is available as IEC 60539-2:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60539-2:2019 is applicable to surface mount directly heated negative temperature coefficient thermistors, typically made from transition metal oxide materials with semiconducting properties. These thermistors have metallized connecting pads or soldering strips and are intended to be mounted directly on to substrates for hybrid circuits or on to printed boards. This edition includes the following significant technical changes with respect to the previous edition: a) revision for the structure in accordance with ISO/IEC Directives, Part 2:2016 (seventh edition) to the extent practicable, and for harmonizing with IEC 60539-1:2016; b) the upper category temperatures of 175 C, 200 C, 250 C, 315 C, 400 C in Table 1 have been added; c) the dimensions of 0402M in Annex A have been added.	20190719	18,144円（本体16,800円）

IEC 60539-2 Ed. 2.0:2019 RLV (Redline version)	Directly heated negative temperature coefficient thermistors – Part 2: Sectional specification – Surface mount negative temperature coefficient thermistors	直接加熱NTCサーミスター第2部:品種別通則ー表面実装NTCサーミスタ	IEC 60539-2:2019 is available as IEC 60539-2:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60539-2:2019 is applicable to surface mount directly heated negative temperature coefficient thermistors, typically made from transition metal oxide materials with semiconducting properties. These thermistors have metallized connecting pads or soldering strips and are intended to be mounted directly on to substrates for hybrid circuits or on to printed boards. This edition includes the following significant technical changes with respect to the previous edition: a) revision for the structure in accordance with ISO/IEC Directives, Part 2:2016 (seventh edition) to the extent practicable, and for harmonizing with IEC 60539-1:2016; b) the upper category temperatures of 175 C, 200 C, 250 C, 315 C, 400 C in Table 1 have been added; c) the dimensions of 0402M in Annex A have been added.	20190719	23,587円（本体21,840円）
IEC 61169-24 Ed. 3.0:2019	Radio-frequency connectors – Part 24: Sectional specification – Radio frequency coaxial connectors with screw coupling, typically for use in 75 cable networks (type F)	無線周波コネクター第24部:個別仕様書ー標準的に75 ohmケーブルネットワークに使用する，ねじ込み継手を持つ無線周波同軸コネクタ(タイプF)	IEC 61169-24:2019 is available as IEC 61169-24:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61169-24:2019, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with screw coupling, typically for use in 75 W cable networks (type F). It describes the interface dimensions with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all DS relating to type F connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers test schedules and inspection requirements. This third edition cancels and replaces the second edition published in 2009. This edition includes the following significant technical changes with respect to the previous edition: all drawings have been reworked and improved to allow frequency extension up to 3 GHz.	20190719	22,032円（本体20,400円）
IEC 61169-24 Ed. 3.0:2019 RLV (Redline version)	Radio-frequency connectors – Part 24: Sectional specification – Radio frequency coaxial connectors with screw coupling, typically for use in 75 cable networks (type F)	無線周波コネクター第24部:個別仕様書ー標準的に75 ohmケーブルネットワークに使用する，ねじ込み継手を持つ無線周波同軸コネクタ(タイプF)	IEC 61169-24:2019 is available as IEC 61169-24:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61169-24:2019, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with screw coupling, typically for use in 75 W cable networks (type F). It describes the interface dimensions with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all DS relating to type F connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers test schedules and inspection requirements. This third edition cancels and replaces the second edition published in 2009. This edition includes the following significant technical changes with respect to the previous edition: all drawings have been reworked and improved to allow frequency extension up to 3 GHz.	20190719	28,641円（本体26,520円）
IEC 62830-6 Ed. 1.0:2019	Semiconductor devices – Semiconductor devices for energy harvesting and generation – Part 6: Test and evaluation methods for vertical contact mode triboelectric energy harvesting devices	半導体素子ーエネルギーハーベスト及び生成用半導体素子ー第6部:垂直接触モード摩擦電気エネルギー回収装置の試験および評価方法	IEC 62830-6:2019(E) defines terms, definitions, symbols, and specifies configurations and test methods to be used to evaluate and determine the performance characteristics of vertical contact mode triboelectric energy harvesting devices for practical use. This document is applicable to energy harvesting devices as power sources for wearable devices and wireless sensors used in healthcare monitoring, consumer electronics, general industries, military and aerospace applications without any limitations on device technology and size.	20190725	18,144円（本体16,800円）
IEC 62899-502-2 Ed. 1.0:2019	Printed electronics – Part 502-2: Quality assessment – Organic light emitting diode (OLED) elements – Combined mechanical and environmental stress test methods for flexible OLED elements	プリンテッドエレクトロニクスー第502-1部:品質アセスメントー有機発光ダイオード(OLED)素子ーフレキシブルOLED素子の機械的及び環境的ストレス試験方法の組み合わせ	IEC 62899-502-2:2019(E) specifies the combined mechanical and environmental stress test methods for flexible OLED (organic light emitting diode) elements fabricated using the printing method. Mechanical stress tests include the static and cycling vending test, and the dynamic and static rolling test.	20190724	18,144円（本体16,800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/TR 61282-5 Ed. 2.0:2019	Fibre optic communication system design guidelines – Part 5: Accommodation and compensation of chromatic dispersion	光ファイバ通信システムの設計の手引ー第5部:分散の調節及び補償	IEC TR 61282-5:2019 which is a Technical Report, describes various techniques for accommodation and compensation of chromatic dispersion in fibre optic communication systems. These techniques include dispersion compensation with passive optical components, advanced dispersion management, and electronic accommodation of dispersion in the transmitters and receivers. This second edition cancels and replaces the first edition, published in 2002, and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) extends the application space for dispersion compensation and accommodation to communication systems that employ non-zero dispersion-shifted fibres; b) adds a discussion on the suitability of fibre types for long-haul transmission of wavelength-multiplexed signals; c) updates the dispersion coefficient limits for dispersion-unshifted fibres; d) adds information on the dispersion coefficients of dispersion-shifted fibres; e) updates the naming of the fibre types to the revised naming conventions defined in IEC 60793-2-50:2018; f) updates Table 2 to include the dispersion tolerance of phase-shift-keyed modulation formats used for the transmission of 40 Gbit/s and 100 Gbit/s signals; g) adds information on dispersion management in terrestrial and submarine communication systems; h) extends the description of passive dispersion compensators based on fibre Bragg gratings and etalons; i) adds information on electronic dispersion accommodation in coherent communication systems (including transmitters and receivers);	20190717	25,920円（本体24,000円）
IEC/TR 61282-14 Ed. 2.0:2019	Fibre optic communication system design guides – Part 14: Determination of the uncertainties of attenuation measurements in fibre plants	光ファイバ通信システムの設計ガイドー第14部:光ファイバリンクの減衰測定の不確かさの求め方	IEC TR 61282-14:2019 is available as IEC TR 61282-14:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC TR 61282-14:2019 which is a Technical Report, establishes the detailed analysis and calculation of the uncertainties related to the measurement of the attenuation of both multimode and single mode optical fibre cabling using optical light sources and power meters. This second edition cancels and replaces the first edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: – in the title: replacement of ""guide"" by ""guidelines""; – text adaptation to allow both standard grade B and reference grade connectors for termination of test cords; – addition of values needed for calculation of uncertainties, when standard grade connectors are used, to Annex D; – correction of minor inconsistencies in Equation (18) and after. Keywords: measurement uncertainty of the attenuation of fibre optic cabling	20190719	31,104円（本体28,800円）
IEC/TR 61282-14 Ed. 2.0:2019 RLV (Redline version)	Fibre optic communication system design guides – Part 14: Determination of the uncertainties of attenuation measurements in fibre plants	光ファイバ通信システムの設計ガイドー第14部:光ファイバリンクの減衰測定の不確かさの求め方	IEC TR 61282-14:2019 is available as IEC TR 61282-14:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC TR 61282-14:2019 which is a Technical Report, establishes the detailed analysis and calculation of the uncertainties related to the measurement of the attenuation of both multimode and single mode optical fibre cabling using optical light sources and power meters. This second edition cancels and replaces the first edition published in 2016. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: – in the title: replacement of ""guide"" by ""guidelines""; – text adaptation to allow both standard grade B and reference grade connectors for termination of test cords; – addition of values needed for calculation of uncertainties, when standard grade connectors are used, to Annex D; – correction of minor inconsistencies in Equation (18) and after. Keywords: measurement uncertainty of the attenuation of fibre optic cabling	20190719	40,435円（本体37,440円）
IEC 62734 Amd.1 Ed. 1.0:2019	修正票1—産業ネットワーク ー無線通信ネットワーク及び通信プロファイルーISA 100.11 a	Amendment 1 – Industrial networks – Wireless communication network and communication profiles – ISA 100.11a		20190731	5,184円（本体4,800円）
IEC 62734 Ed. 1.1:2019	産業ネットワーク ー無線通信ネットワーク及び通信プロファイルーISA 100.11 a	Industrial networks – Wireless communication network and communication profiles – ISA 100.11a	IEC 62734:2014+A1:2019 provides specifications in accordance with the OSI Basic Reference Model, ISO/IEC 7498-1, (e.g., PhL, DL, etc.). It is intended to provide reliable and secure wireless operation for non-critical monitoring, alerting, supervisory control, open loop control, and closed loop control applications. It defines a protocol suite, including system management, gateway considerations, and security specifications, for low-data-rate wireless connectivity with fixed, portable, and slowly-moving devices, often operating under severe energy and power constraints. The application focus is the performance needs of process automation monitoring and control where end-to-end communication latencies on the order of at least 100 ms can be tolerated. This consolidated version consists of the first edition (2014) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication.	20190731	64,800円（本体60,000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 62597 Ed. 1.0:2019	Magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure – Measurement procedures	鉄道環境における電子・電気機器から生成される磁界レベルの人体暴露に関する測定手順	IEC 62597:2019 is limited to apparatus, systems and fixed installations which are intended for use in the railway environment. The frequency range covered is 0 Hz to 300 GHz. Technical considerations and measurements are specified for frequencies up to 20 kHz because no relevant field strengths are expected above due to the physical nature of EMF sources in the railway environment. The object of this document is to provide measurement and calculation procedures of electric and magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure. The regulations regarding the protection of human beings during exposure to non-ionizing electromagnetic fields in the railway environment are different within the countries worldwide. This document offers a procedure regarding measurement, simulation/calculation and evaluation. The measurement procedures and points of measurement cover also the aspect of persons bearing active implantable medical devices. This document does not apply to the risk assessment for persons bearing active implants in magnetic field generated by electronic and electrical apparatus in the railway environment. This first edition cancels and replaces IEC TS 62597 published in 2011. This edition includes the following significant technical changes with respect to the Technical Specification: a) Clause 3.1: The extent of Terms and definitions has been updated b) Clause 3 was expanded by clause 3.2 abbreviated terms	20190717	18,144円（本体16,800円）

49 航空宇宙工学

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/TR 63238-1 Ed. 1.0:2019	Process management for avionics – Electronics design – Part 1: Electrical signal properties, naming conventions and interface control document (ICD)	航空電子工学のプロセスマネジメント－エレクトロニクスデザイン－第1部：電気信号の特性、命名規則及びインターフェース管理文書(ICD)	IEC TR 63238-1:2019 provides information and a template to create an interface control document (ICD) for any project which includes electronic assemblies, such as electronic circuit card assemblies (CCAs) or electronic devices, connected together. This document proposes electrical signal naming conventions when interfacing electronic assemblies, and an example containing seven signal naming conventions is included. This document supports original equipment manufacturers (OEMs) in the preparation and maintenance of their electronic assemblies interfaces and integration specifications to avoid misunderstanding of signals which can cause unnecessary design and/or integration errors, and testing complications.	20190730	9,072円（本体8,400円）