EU Declaration of Conformity

Declaration number	GEN-CE19/510 ( )
Name of the manufacturer	ABB Industrial Solutions (Belgium) bvba
Address of the manufacturer	Nieuwevaart 51 9000 Gent Belgium
Address of authorised representative	

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product / model	Heaters CSK 060 / CS 060 / CSF 060
Object of the declaration	Climate control

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

Document Name / Issue
EN 60355-1:2012

Signed for and on behalf of: **Place and Date:** Gent, 30 July 2019

Name:	Sidney Maassen	**Name:**	
Function:	Technology Manager	**Function:**	
Signature:		**Signature:**	

Declaration number	GEN-CE19/510 ( )

Additional Information

Technical data

Operating voltage	AC/DC 120 -240 V[1] (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %

	W[1]	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
CSK 060	10	0.8	98 x 38 x 75	0.2	**818225**
	20	2.5	98 x 38 x 75	0.3	**818226**
CS 060	50	2.5	110 x 60 x 90	0.3	**818227**
	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

CSF 060

W[1]	I max. (A)	H x L x D (mm)	Switch-off temperature[2]	Switch-on temperature[2]	Weight (kg)	Ref. No.
50	2.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818230**
50	2.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818231**
100	4.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818232**
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150	8	150 x 60 x 90	+15 °C	+5 °C	0.5	**818234**
150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

ЕС ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ

Декларация номер	GEN-CE19/510 ( )
Името на производителя	ABB Industrial Solutions (Belgium) bvba
Адрес на производителя	Nieuwevaart 51 9000 Gent Belgium
Адрес на упълномощен представител	

Настоящата декларация за съответствие е издадена на отговорността на производителя:

Модел на продукт	Heaters CSK 060 / CS 060 / CSF 060
Предмет на декларацията	Climate control

Предметътна декларацията, описан по - горе, отговаря на съответното законодателство на Съюза за хармонизация:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Позоваване на използваните хармонизирани стандарти или позоваване на други технически спецификации, по отношение на които се декларира съответствие:

Документ Име / Издание
EN 60355-1:2012

Подписано за и от името на: **Място и дата:** Gent, 30 July 2019

Име:	Sidney Maassen	**Име:**	
Длъжност:	Technology Manager	**Длъжност:**	
Подпис:		**Подпис:**	

Декларация номер GEN-CE19/510 ( )

Допълнителна информация

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
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Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
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Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

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CSF 060

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(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

EU PROHLÁŠENÍ O SHODĚ

Číslo prohlášení	GEN-CE19/510 ( )
Jméno výrobce	ABB Industrial Solutions (Belgium) bvba
Adresa výrobce	Nieuwevaart 51 9000 Gent Belgium
Adresa zplnomocněného zástupce	

Toto prohlášení o shodě se vydává na výhradní odpovědnost výrobce.

Model výrobku/výrobek	Heaters CSK 060 / CS 060 / CSF 060
Předmět prohlášení	Climate control

Výše popsaný předmět prohlášení je ve shodě s příslušnými harmonizačními právními předpisy Unie:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Odkazy na příslušné harmonizované normy, které byly použity, nebo na jiné technické specifikace, na jejichž základě se shoda prohlašuje:

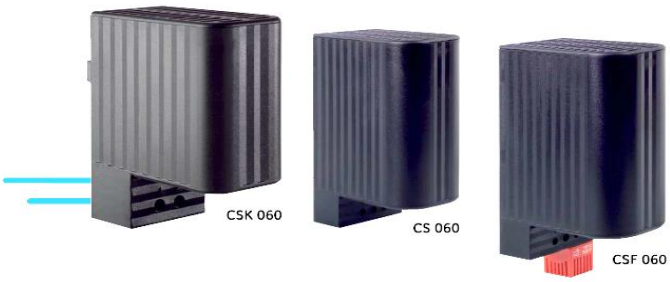
Jméno dokumentu / Edice
EN 60355-1:2012

Podepsáno za a jménem: **Místo a datum:** Gent, 30 July 2019

Jméno:	Sidney Maassen	**Jméno:**	
Funkce:	Technology Manager	**Funkce:**	
Podpis:		**Podpis:**	

Číslo prohlášení	GEN-CE19/510 ( )

Další informace



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CSF 060

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(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

EU-OVERENSSTEMMELSESERKLÆRING

Erklæring nummer	GEN-CE19/510 ( )
Producentens navn	ABB Industrial Solutions (Belgium) bvba
Adresse på fabrikanten	Nieuwevaart 51 9000 Gent Belgium
Adresse på bemyndigede repræsentant	

Denne overensstemmelseserklæring udstedes på fabrikantens ansvar.

Produktmodel/produkt	Heaters CSK 060 / CS 060 / CSF 060
Erklæringens genstand	Climate control

Genstanden for erklæringen, som beskrevet ovenfor, er i overensstemmelse med den relevante EU-harmoniseringslovgivning:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Referencer til de relevante anvendte harmoniserede standarder eller til de andre tekniske specifikationer, som der erklæres overensstemmelse med:

Dokumentnavn / Udgave
EN 60355-1:2012

Underskrevet for og på vegne af: **Udstedelsessted og -dato:** Gent, 30 July 2019

Navn: Sidney Maassen **Navn:**

Stilling: Technology Manager **Stilling:**

Underskrift: **Underskrift:**

Erklæring nummer	GEN-CE19/510 ( )

Supplerende oplysninger

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
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Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

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(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

EU-KONFORMITÄTSERKLÄRUNG

Erklärungs-Nummer	GEN-CE19/510 ( )
Name des Hersteller	ABB Industrial Solutions (Belgium) bvba
Anschrift des Hersteller	Nieuwevaart 51 9000 Gent Belgium
Anschrift seines Bevollmächtigten	

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.

Produktmodell/Produkt	Heaters CSK 060 / CS 060 / CSF 060
Gegenstand der Erklärung	Climate control

Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Angabe der einschlägigen harmonisierten Normen, die zugrunde gelegt wurden, oder Angabe der anderen technischen Spezifikationen, in Bezug auf die die Konformität erklärt wird:

Dokumentname / Ausgabetag
EN 60355-1:2012

Unterzeichnet für und im Namen **Ort und Datum der A** Gent, 30 July 2019

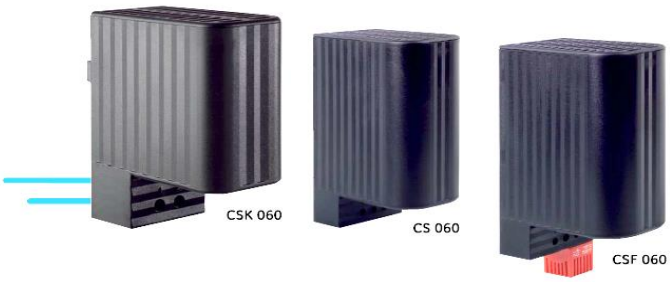
Name: Sidney Maassen **Name:**

Funktion: Technology Manager **Funktion:**

Unterschrift: **Unterschrift:**

Der Erklärung nummer GEN-CE19/510 ( )

Weitere Informationen



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(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ

Αριθμός δήλωσης	GEN-CE19/510 ( )
Επωνυμία του κατασκευαστή	ABB Industrial Solutions (Belgium) bvba
Διεύθυνση του κατασκευαστή	Nieuwevaart 51 9000 Gent Belgium
Διεύθυνση του εξουσιοδοτημένου	

Η παρούσα δήλωση συμμόρφωσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή.

Μοντέλο προϊόντος	Heaters CSK 060 / CS 060 / CSF 060
Στόχος της δήλωσης	Climate control

Ο στόχος της δήλωσης που περιγράφεται παραπάνω είναι σύμφωνος με τη σχετική ενωσιακή νομοθεσία εναρμόνισης:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Μνεία των σχετικών εναρμονισμένων προτύπων που χρησιμοποιήθηκαν ή μνεία των λοιπών τεχνικών προδιαγραφών σε σχέση με τις οποίες δηλώνεται η συμμόρφωση:

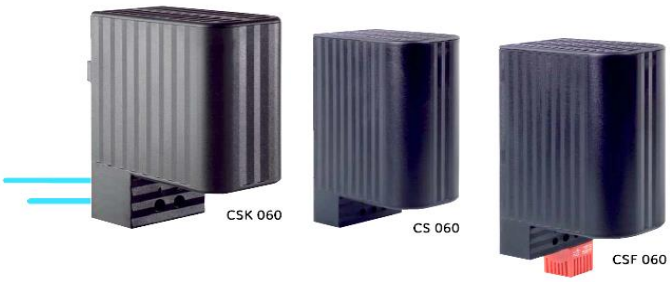
Όνομα του εγγράφου / έκδοση
EN 60355-1:2012

Υπογραφή για λογαριασμό και εξ **τόπος και ημερομηνί** Gent, 30 July 2019

όνομα:	Sidney Maassen	**όνομα:**	
θέση:	Technology Manager	**θέση:**	
υπογραφή:		**υπογραφή:**	

Αριθμός δήλωσης GEN-CE19/510 ( )

Συμπληρωματικές πληροφορίες



Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
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Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

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CSF 060

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(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

DECLARACIÓN UE DE CONFORMIDAD

Número de declaración	GEN-CE19/510 ( )
Nombre del fabricante	ABB Industrial Solutions (Belgium) bvba
Dirección del fabricante	Nieuwevaart 51 9000 Gent Belgium
Dirección de representante autorizado	

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

Modelo de producto	Heaters CSK 060 / CS 060 / CSF 060
Objeto de la declaración	Climate control

El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización pertinente de la Unión:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Referencias a las normas armonizadas pertinentes utilizadas, o referencias a las otras especificaciones técnicas respecto a las cuales se declara la conformidad:

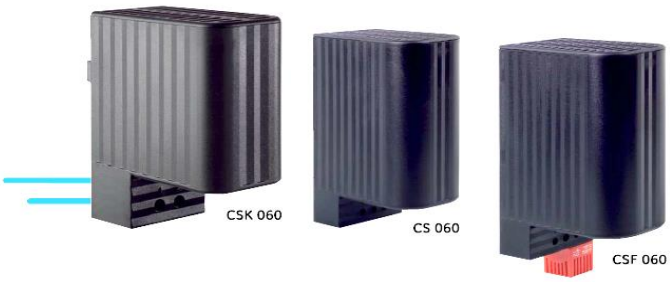
Nombre del documento / Edición
EN 60355-1:2012

Firmado en nombre de: **Lugar y fecha:** Gent, 30 July 2019

Nombre:	Sidney Maassen	**Nombre:**	
Cargo:	Technology Manager	**Cargo:**	
Firma:		**Firma:**	

Número de declaración	GEN-CE19/510 ( )

Información adicional



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Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
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100	4.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818232**
100	4.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818233**
150	8	150 x 60 x 90	+15 °C	+5 °C	0.5	**818234**
150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

ELi VASTAVUSDEKLARATSIOON

Deklaratsioon number	GEN-CE19/510 ( )
Tootja nimi	ABB Industrial Solutions (Belgium) bvba
Tootja aadress	Nieuwevaart 51 9000 Gent Belgium
Aadress volitatud esindaja	

Käesolev vastavausdeklaratsioon on välja antud tootja ainuvastutusel.

Toote mudel/toode	Heaters CSK 060 / CS 060 / CSF 060
Deklareeritav toode	Climate control

Eelkirjeldatud deklareeritav toode on kooskõlas asjaomaste liidu ühtlustamisaktidega:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Viited kasutatud harmoneeritud standarditele või viited muudele tehnilistele spetsifikatsioonidele, millele vastavust deklareeritakse:

Dokumendi nimi / Editioni
EN 60355-1:2012

Alla kirjutanud: **Koht ja kuupäev:** Gent, 30 July 2019

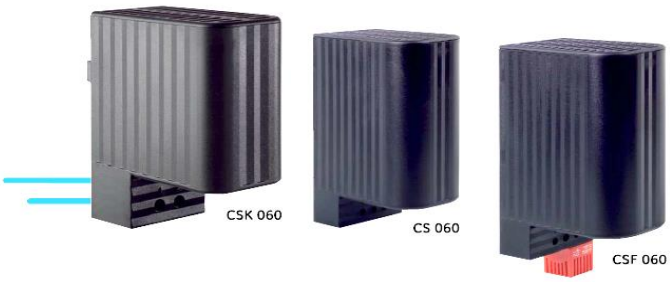
Nimi: Sidney Maassen **Nimi:**

Ametinimet Technology Manager **Ametinimetu**

Allkiri: **Allkiri:**

Deklaratsioon number	GEN-CE19/510 ( )

Lisateave



Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

	W(1)	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
CSK 060	10	0.8	98 x 38 x 75	0.2	**818225**
	20	2.5	98 x 38 x 75	0.3	**818226**
CS 060	50	2.5	110 x 60 x 90	0.3	**818227**
	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

CSF 060

W(1)	I max. (A)	H x L x D (mm)	Switch-off temperature(2)	Switch-on temperature(2)	Weight (kg)	Ref. No.
50	2.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818230**
50	2.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818231**
100	4.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818232**
100	4.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818233**
150	8	150 x 60 x 90	+15 °C	+5 °C	0.5	**818234**
150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

EU-VAATIMUSTENMUKAISUUSVAKUUTUS

Ilmoituksen numero	GEN-CE19/510 ( )
Valmistajan nimi	ABB Industrial Solutions (Belgium) bvba
Valmistajan osoite	Nieuwevaart 51 9000 Gent Belgium
Osoitteen edustajan	

Tämä vaatimustenmukaisuusvakuutus on annettu valmistajan yksinomaisella vastuulla.

Tuotemalli/tuote	Heaters CSK 060 / CS 060 / CSF 060
Vakuutuksen kohde	Climate control

Edellä kuvattu vakuutuksen kohde on asiaa koskevan unionin yhdenmukaistamislainsäädännön vaatimusten mukainen:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Viittaus niihin asiaankuuluviin yhdenmukaistettuihin standardeihin, joita on käytetty, tai viittaus muihin teknisiin eritelmiin, joiden perusteella vaatimustenmukaisuusvakuutus on annettu:

Asiakirjan nimi / Painos
EN 60355-1:2012

Puolesta allekirjoittanut: **Antamispaikka ja -pä**i Gent, 30 July 2019

Nimi: Sidney Maassen

Tehtävä: Technology Manager

Allekirjoitus:

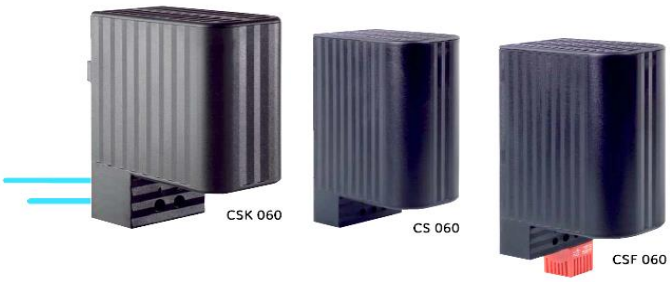
Nimi:

Tehtävä:

Allekirjoitus:

Ilmoituksen numero	GEN-CE19/510 ( )

Lisäinformaatio



Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

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	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

CSF 060

W(1)	I max. (A)	H x L x D (mm)	Switch-off temperature(2)	Switch-on temperature(2)	Weight (kg)	Ref. No.
50	2.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818230**
50	2.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818231**
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150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

DÉCLARATION UE DE CONFORMITÉ

Numéro de la déclaration	GEN-CE19/510 ( )
Nom du fabricant	ABB Industrial Solutions (Belgium) bvba
Adresse du fabricant	Nieuwevaart 51 9000 Gent Belgium
Adresse de son mandataire	

La présente déclaration de conformité est établie sous la seule responsabilité du fabricant.

Modèle de produit	Heaters CSK 060 / CS 060 / CSF 060
Objet de la déclaration	Climate control

L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Références des normes harmonisées pertinentes appliquées ou des autres spécifications techniques par rapport auxquelles la conformité est déclarée:

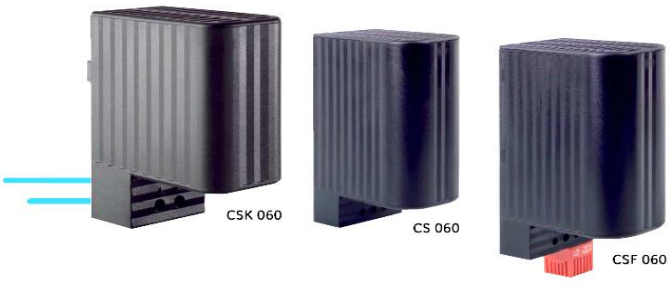
Nom du document / Edition
EN 60355-1:2012

Signé par et au nom de: **Date et lieu:** Gent, 30 July 2019

Nom:	Sidney Maassen	**Nom:**	
Fonction:	Technology Manager	**Fonction:**	
Signature:		**Signature:**	

Numéro de la déclaration GEN-CE19/510 ( )

Informations complémentaires:



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(1) Ambient temperature of 20°C

CSF 060

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150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

EU IZJAVA O SUKLADNOSTI

Broj deklaracije	GEN-CE19/510 ( )
Naziv proizvođača	ABB Industrial Solutions (Belgium) bvba
Adresa proizvođača	Nieuwevaart 51 9000 Gent Belgium
Adresa ovlaštenog predstavnika	

Za izdavanje EU izjave o sukladnosti odgovoran je isključivo proizvođač.

Uzorak proizvoda/proizvod	Heaters CSK 060 / CS 060 / CSF 060
Predmet izjave	Climate control

Predmet navedene izjave u skladu je s mjerodavnim zakonodavstvom Unije o usklađivanju:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Pozivanja na relevantne primijenjene usklađene norme ili pozivanja na druge tehničke specifikacije u vezi s kojima se izjavljuje sukladnost:

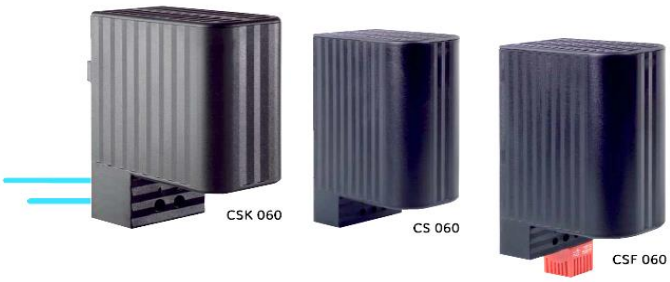
Naziv dokumenta / Izdanje
EN 60355-1:2012

Potpisano za i u ime: **Mjesto i dan:** Gent, 30 July 2019

Ime:	Sidney Maassen	**Ime:**	
Funkcija:	Technology Manager	**Funkcija:**	
Potpis:		**Potpis:**	

Broj deklaracije	GEN-CE19/510 ( )

Dodatne informacije



Technical data

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Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

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(1) Ambient temperature of 20°C

CSF 060

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150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

EU–MEGFELELŐSÉGI NYILATKOZAT

Nyilatkozat száma	GEN-CE19/510 ( )
A gyártó neve	ABB Industrial Solutions (Belgium) bvba
A gyártó címe	Nieuwevaart 51 9000 Gent Belgium
Címét, meghatalmazott képviselője	

Ezt a megfelelőségi nyilatkozatot a gyártó kizárólagos felelőssége mellett adják ki.

Termékmodell/termék	Heaters CSK 060 / CS 060 / CSF 060
A nyilatkozat tárgya	Climate control

A fent ismertetett nyilatkozat tárgya megfelel a vonatkozó uniós harmonizációs jogszabályoknak:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Az alkalmazott harmonizált szabványokra való hivatkozás vagy az azokra az egyéb műszaki leírásokra való hivatkozás, amelyekkel kapcsolatban megfelelőségi nyilatkozatot tettek.

A dokumentum nevének / Kiadás

EN 60355-1:2012

A nyilatkozatot a nevében és meg **A kiállítás helye és dá** Gent, 30 July 2019

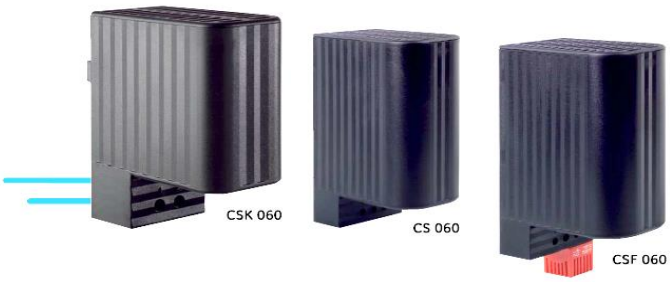
Név: Sidney Maassen **Név:**

Beosztás: Technology Manager **Beosztás:**

Aláírás: **Aláírás:**

Nyilatkozat száma	GEN-CE19/510 ( )

További információk



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Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

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	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

CSF 060

W(1)	I max. (A)	H x L x D (mm)	Switch-off temperature(2)	Switch-on temperature(2)	Weight (kg)	Ref. No.
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50	2.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818231**
100	4.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818232**
100	4.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818233**
150	8	150 x 60 x 90	+15 °C	+5 °C	0.5	**818234**
150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

DICHIARAZIONE DI CONFORMITÀ UE

Dichiarazione n	GEN-CE19/510 ( )
Nome del fabbricante	ABB Industrial Solutions (Belgium) bvba
Indirizzo del fabbricante	Nieuwevaart 51 9000 Gent Belgium
Indirizzo del rappresentante autorizzato	

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante.

Modello di prodotto	Heaters CSK 060 / CS 060 / CSF 060
Oggetto della dichiarazione	Climate control

L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Riferimento alle pertinenti norme armonizzate utilizzate o riferimenti alle altre specifiche tecniche in relazione alle quali è dichiarata la conformità:

Documento nome / Edizione
EN 60355-1:2012

Firmato a nome e per conto di: **Luogo e data del rilas** Gent, 30 July 2019

Nome:	Sidney Maassen	**Nome:**	
Funzione:	Technology Manager	**Funzione:**	
Firma:		**Firma:**	

Dichiarazione n GEN-CE19/510 ( )

Informazioni supplementari:

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

	W(1)	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
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	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

ES ATITIKTIES DEKLARACIJA

Deklaracijos numeris	GEN-CE19/510 ( )
Gamintojo pavadinimas	ABB Industrial Solutions (Belgium) bvba
Gamintojo adresas	Nieuwevaart 51 9000 Gent Belgium
Adresas įgaliotasis atstovas	

Ši atitikties deklaracija išduota tik gamintojo atsakomybe.

Gaminio modelis	Heaters CSK 060 / CS 060 / CSF 060
Deklaracijos objektas	Climate control

Pirmiau aprašytas deklaracijos objektas atitinka susijusius derinamuosius Sąjungos teisės aktus:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Susijusių taikytų darniųjų standartų nuorodos arba kitų techninių specifikacijų, pagal kurias buvo deklaruota atitiktis, nuorodos:

Dokumento pavadinimas / Leidinys
EN 60355-1:2012

Už ką ir kieno vardu pasirašyta: **Išdavimo data ir vieta** Gent, 30 July 2019

Vardas: Sidney Maassen

Pareigos: Technology Manager

Parašas:

Vardas:

Pareigos:

Parašas:

Deklaracijos numeris	GEN-CE19/510 ( )

Papildoma informacija

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
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(1) Ambient temperature of 20°C

ES ATBILSTĪBAS DEKLARĀCIJA

Deklarācija skaits	GEN-CE19/510 ( )
Ražotāja nosaukums	ABB Industrial Solutions (Belgium) bvba
Ražotāja adrese	Nieuwevaart 51 9000 Gent Belgium
Adrese pilnvarotā pārstāvja	

Šī atbilstības deklarācija ir izdota vienīgi uz ražotāja atbildību.

Produkta modelis	Heaters CSK 060 / CS 060 / CSF 060
Deklarācijas priekšmets	Climate control

Iepriekš aprakstītais deklarācijas priekšmets atbilst attiecīgajam Savienības saskaņošanas tiesību aktam:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Atsauces uz attiecīgajiem izmantotajiem saskaņotajiem standartiem vai uz citām tehniskajām specifikācijām, attiecībā uz ko tiek deklarēta atbilstība:

Dokumenta nosaukums / Izdevums
EN 60355-1:2012

Parakstīts šādas personas vārdā: **Vieta un datums:** Gent, 30 July 2019

Vārds/Uzvārd	Sidney Maassen	**Vārds/Uzvārd**	
Amats:	Technology Manager	**Amats:**	
Paraksts:		**Paraksts:**	

Deklarācija skaits	GEN-CE19/510 ( )

Papildu informācija

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

	W(1)	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
CSK 060	10	0.8	98 x 38 x 75	0.2	**818225**
	20	2.5	98 x 38 x 75	0.3	**818226**
CS 060	50	2.5	110 x 60 x 90	0.3	**818227**
	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

DIKJARAZZJONI TA' KONFORMITÀ TAL-UE

Numru tad-dikjarazzjoni	GEN-CE19/510 ( )
Isem tal-manifattur	ABB Industrial Solutions (Belgium) bvba
Indirizz tal-manifattur	Nieuwevaart 51 9000 Gent Belgium
Indirizz tar-rappreżentant awtorizzat	

Din id-dikjarazzjoni ta' konformità tinħareg taħt ir-responsabbiltà unika tal-manifattur.

Il-prodott	Heaters CSK 060 / CS 060 / CSF 060
L-għan tad-dikjarazzjoni	Climate control

L-għan tad-dikjarazzjoni deskritt hawn fuq huwa konformi mal-leġislazzjoni ta' armonizzazzjoni rilevanti tal-Unjoni:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Ir-referenzi għall-istandards armonizzati rilevanti li ntużaw jew ir-referenzi għall-ispeċifikazzjonijiet tekniċi l-oħra li skonthom qed tiġi ddikjarata l-konformità:

Dokument Isem / Edizzjoni
EN 60355-1:2012

Iffirmata għal u f'isem: **Post u data tal-ħruġ:** Gent, 30 July 2019

Isem:	Sidney Maassen	**Isem:**	
Funzjoni:	Technology Manager	**Funzjoni:**	
Firma:		**Firma:**	

Numru tad-dikjarazzjoni	GEN-CE19/510 ( )

Informazzjoni addizzjonali

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

	W(1)	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
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CS 060	50	2.5	110 x 60 x 90	0.3	**818227**
	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

EU-CONFORMITEITSVERKLARING

Verklaring nummer	GEN-CE19/510 ( )
Naam van de fabrikant	ABB Industrial Solutions (Belgium) bvba
Adres van de fabrikant	Nieuwevaart 51 9000 Gent Belgium
Adres van de gemachtigde	

Deze conformiteitsverklaring wordt verstrekt onder volledige verantwoordelijkheid van de fabrikant.

Product / Type	Heaters CSK 060 / CS 060 / CSF 060
Voorwerp van de verklaring	Climate control

Het hierboven beschreven voorwerp is in overeenstemming met de desbetreffende harmonisatiewetgeving van de Unie:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Vermelding van de toegepaste relevante geharmoniseerde normen of van de overige technische specificaties waarop de conformiteitsverklaring betrekking heeft:

Documentnaam / Editie
EN 60355-1:2012

Ondertekend voor en namens: **Plaats en datum:** Gent, 30 July 2019

Naam: Sidney Maassen

Functie: Technology Manager

Handtekenin

Naam:

Functie:

Handtekenin

Verklaring nummer	GEN-CE19/510 ( )

Aanvullende informatie

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
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Operating/Storage humidity	max. 90 % RH (non-condensing)
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Approvals	VDE, UL
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	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

DEKLARACJA ZGODNOŚCI UE

Numer deklaracji	GEN-CE19/510 ( )
Nazwa producenta	ABB Industrial Solutions (Belgium) bvba
Adres producenta	Nieuwevaart 51 9000 Gent Belgium
Adres upoważnionego przedstawiciela	

Niniejsza deklaracja zgodności wydana zostaje na wyłączną odpowiedzialność producenta.

Model produktu/produkt	Heaters CSK 060 / CS 060 / CSF 060
Przedmiot deklaracji	Climate control

Wymieniony powyżej przedmiot niniejszej deklaracji jest zgodny z odnośnymi wymaganiami unijnego prawodawstwa harmonizacyjnego:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Odniesienia do odnośnych norm zharmonizowanych, które zastosowano, lub do innych specyfikacji technicznych, w stosunku do których deklarowana jest zgodność:

Nazwa dokumentu / Edycja
EN 60355-1:2012

Podpisano w imieniu:

Miejsce i data wydan Gent, 30 July 2019

Imię: Sidney Maassen

Stanowisko: Technology Manager

Podpis:

Imię:

Stanowisko:

Podpis:

Numer deklaracji	GEN-CE19/510 ( )

Informacje dodatkowe

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
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Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

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	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

DECLARAÇÃO UE DE CONFORMIDADE

Número da declaração	GEN-CE19/510 ( )
Nome do fabricante	ABB Industrial Solutions (Belgium) bvba
Endereço do fabricante	Nieuwevaart 51 9000 Gent Belgium
Endereço do respetivo mandatário:	

A presente declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante.

Modelo do produto	Heaters CSK 060 / CS 060 / CSF 060
Objeto da declaração	Climate control

O objeto da declaração acima descrito está em conformidade com a legislação de harmonização da União aplicável:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Referências às normas harmonizadas aplicáveis utilizadas ou a outras especificações técnicas em relação às quais é declarada a conformidade:

Nome do documento / Edição
EN 60355-1:2012

Assinado por e em nome de: **Local e data de emiss** Gent, 30 July 2019

Nome: Sidney Maassen **Nome:**

Cargo: Technology Manager **Cargo:**

Assinatura: **Assinatura:**

Número da declaração	GEN-CE19/510 ( )

Informações complementares

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

	W(1)	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
CSK 060	10	0.8	98 x 38 x 75	0.2	**818225**
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CS 060	50	2.5	110 x 60 x 90	0.3	**818227**
	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

DECLARAȚIA UE DE CONFORMITATE

Numărul de declarație	GEN-CE19/510 ( )
Denumirea producătorului	ABB Industrial Solutions (Belgium) bvba
Adresa producătorului	Nieuwevaart 51 9000 Gent Belgium
Adresa a reprezentantului autorizat	

Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului.

Modelul de produs	Heaters CSK 060 / CS 060 / CSF 060
Obiectul declarației	Climate control

Obiectul declarației descris mai sus este în conformitate cu legislația relevantă de armonizare a Uniunii:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Trimiteri la standardele armonizate relevante folosite sau trimiteri la celelalte specificații tehnice în legătură cu care se declară conformitatea:

Nume document / Ediție
EN 60355-1:2012

Semnat pentru și în numele: **Locul și data:** Gent, 30 July 2019

Numele:	Sidney Maassen	**Numele:**	
Funcția:	Technology Manager	**Funcția:**	
Semnătura:		**Semnătura:**	

Numărul de declarație	GEN-CE19/510 ( )

Informații suplimentare

Technical data

Operating voltage	AC/DC 120 –240 V[(1)] (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

CS

EU DEKLARACIJA O USAGLAŠENOSTI

Broj deklaracije	GEN-CE19/510 ( )
Ime proizvođača	ABB Industrial Solutions (Belgium) bvba
Adresa proizvođača	Nieuwevaart 51 9000 Gent Belgium

Ova izjava o usaglašenosti se izdaje pod isključivom odgovornošću proizvođača.

Proizvod / model	Heaters CSK 060 / CS 060 / CSF 060
Predmet deklaracije	Climate control

Predmet gore opisane deklaracije je u saglasnosti sa relevantnim zakonodavstvom o harmonizaciju Unije:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Pozivanje na relevantne usklađene standard koji se koriste ili reference na ostale tehničke specifikacije u vezi sa kojima je deklaracija usaglašena:

Ime dokumenata / Broj
EN 60355-1:2012

Potpisano za i u ime: **Mesto i Datum:** Gent, 30 July 2019

Ime:	Sidney Maassen	**Ime:**	
Funkcija:	Technology Manager	**Funkcija:**	
Potpis:		**Potpis:**	

Broj deklaracije	GEN-CE19/510 ( )

Dodatne informacije

IZJAVA EU O SKLADNOSTI

Številka deklaracije	GEN-CE19/510 ( )
Ime proizvajalca	ABB Industrial Solutions (Belgium) bvba
Naslov proizvajalca	Nieuwevaart 51 9000 Gent Belgium
Naslov pooblaščenega zastopnika	

Ta izjava o skladnosti je izdana na lastno odgovornost proizvajalca.

Model proizvoda	Heaters CSK 060 / CS 060 / CSF 060
Predmet izjave	Climate control

Predmet navedene izjave je v skladu z ustrezno zakonodajo Unije o harmonizaciji.

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Sklicevanja na uporabljene relevantne harmonizirane standarde ali sklicevanje na druge tehnične specifikacije v zvezi s katerimi je skladnost deklarirana:

Ime dokument / Izdaja
EN 60355-1:2012

Podpisano za in v imenu: **Kraj in datum:** Gent, 30 July 2019

Ime:	Sidney Maassen	**Ime:**	
Funkcija:	Technology Manager	**Funkcija:**	
Podpis:		**Podpis:**	

Številka deklaracije	GEN-CE19/510 ( )

Dodatne informacije

Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

	W(1)	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
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CS 060	50	2.5	110 x 60 x 90	0.3	**818227**
	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

EÚ VYHLÁSENIE O ZHODE

Číslo vyhlásenia	GEN-CE19/510 ( )
Meno výrobcu	ABB Industrial Solutions (Belgium) bvba
Adresa výrobcu	Nieuwevaart 51 9000 Gent Belgium
Adresa splnomocneného zástupcu	

Toto vyhlásenie o zhode sa vydáva na výhradnú zodpovednosť výrobcu.

Typ výrobku /výrobok	Heaters CSK 060 / CS 060 / CSF 060
Predmet vyhlásenia	Climate control

Uvedený predmet vyhlásenia je v zhode s príslušnými harmonizačnými právnymi predpismi Únie:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Odkazy na príslušné použité harmonizované normy alebo odkazy na iné technické špecifikácie, v súvislosti s ktorými sa vyhlasuje zhoda:

Číslo dokumentu / Vydanie
EN 60355-1:2012

Podpísané za a v mene: **Miesto a dátum:** Gent, 30 July 2019

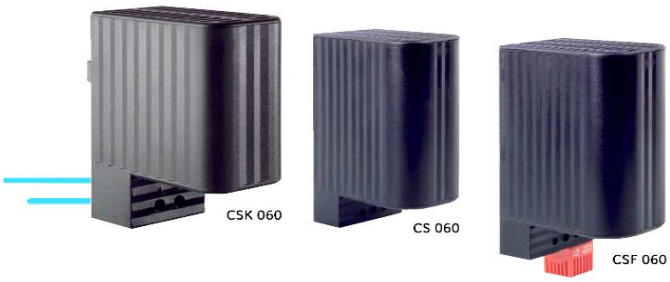
Meno: Sidney Maassen **Meno:**

Funkcia: Technology Manager **Funkcia:**

Podpis: **Podpis:**

Číslo vyhlásenia	GEN-CE19/510 ( )

Doplňujúce informácie



Technical data

Operating voltage	AC/DC 120 –240 V(1) (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm², torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN-rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL
Note	other voltages on request

(1) Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.

	W(1)	I max. (A)	H x L x D (mm)	Weight (kg)	Ref. No.
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	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

CSF 060

W(1)	I max. (A)	H x L x D (mm)	Switch-off temperature(2)	Switch-on temperature(2)	Weight (kg)	Ref. No.
50	2.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818230**
50	2.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818231**
100	4.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818232**
100	4.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818233**
150	8	150 x 60 x 90	+15 °C	+5 °C	0.5	**818234**
150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K

EU-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE

Förklaring nummer	GEN-CE19/510 ( )
Tillverkarens namn	ABB Industrial Solutions (Belgium) bvba
Adress till tillverkaren	Nieuwevaart 51 9000 Gent Belgium
Adress till tillverkarens representant	

Denna försäkran om överensstämmelse utfärdas på tillverkarens eget ansvar.

Produktmodell/produkt	Heaters CSK 060 / CS 060 / CSF 060
Föremål för försäkran	Climate control

Föremålet för försäkran ovan överensstämmer med den relevanta harmoniserade unionslagstiftningen:

2014/35/EU, so called Low Voltage Directive
2014/30/EU, so called EMC directive
2011/65/EU, so called RoHS 2 directive

Hänvisningar till de relevanta harmoniserade standarder som använts eller hänvisningar till de andra tekniska specifikationer enligt vilka överensstämmelsen försäkras:

Dokumentnamn / Utgåva
EN 60355-1:2012

Undertecknat för: **Ort och datum:** Gent, 30 July 2019

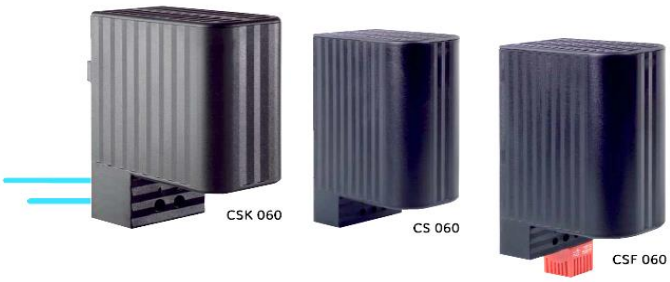
Namn: Sidney Maassen **Namn:**

Befattning: Technology Manager **Befattning:**

Namnteckni **Namnteckni**

Förklaring nummer	GEN-CE19/510 ( )

Ytterligare information:



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Protection type/Protection class	IP20 / II (double insulated)
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	100	4.5	110 x 60 x 90	0.5	**818228**
	150	8	150 x 60 x 90	0.5	**818229**

(1) Ambient temperature of 20°C

CSF 060

W(1)	I max. (A)	H x L x D (mm)	Switch-off temperature(2)	Switch-on temperature(2)	Weight (kg)	Ref. No.
50	2.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818230**
50	2.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818231**
100	4.5	110 x 60 x 90	+15 °C	+5 °C	0.3	**818232**
100	4.5	110 x 60 x 90	+25 °C	+15 °C	0.3	**818233**
150	8	150 x 60 x 90	+15 °C	+5 °C	0.5	**818234**
150	8	150 x 60 x 90	+25 °C	+15 °C	0.5	**818235**

(1) Ambient temperature of 20°C
(2) Tolerance ±5 K