Schneider Electric Industries
Global Supply Chain - Environment
RoHS Project

Date: Sunday, October 01, 2017

Dear Customer,

Although most Schneider Electric products are not directly within the scope of the RoHS European Directive, as part of Schneider Electric's sustainable development policy, we are working to reduce the use of RoHS banned substances throughout our product offering. The information below provides the current product status as of the date of publication of this present document.

As new products are released and product design changes are implemented, this information will be updated.

The information is based upon the European Directive 2002/95/EC -"Restriction of Hazardous Substances" (RoHS) effective July 1st, 2006, its recast 2011/65/EU of June 8th, 2011, the Delegated Directive (EU) 2015/863 of March 31st 2015, which forbid the use in Europe of lead, mercury, cadmium, Hexavalent chromium, the polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) flame retardant and Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) from July 21st 2019 in certain electrical and/or electronic equipments.
Any future changes to the Directive or the list of exemptions may change the status reported here.

In the context of the sustainable development policy of our Company we continuously work towards products and services which reduce the impact on environment or human health when used for their intended purpose and in conditions stated in the documentation provided by Schneider Electric.

At end of life, we recommend that you follow appropriate waste and recycling procedures.

Please Note:
You can find more information about Schneider Electric environmental commitment on www.schneider-electric.com

Best Regards

Xavier Houot
SVP Safety, Environment & Real Estate

Schneider Electric Industries SAS

Postal address / Adresse postale :
Le Hive
35 rue Joseph Monier - CS 30323
F-92506 Rueil Malmaison Cedex
Phone: +33 (0)4 76 57 60 60

http://www.schneider-electric.com

Legal information / Mentions légales :
Société par actions simplifiée au capital de 896,313,776 euros
954 503 439 rcs Nanterre - code APE : 2712Z
Siret : 954 503 439 01719
n°ident. TVA : FR 04 954 503 439
Siège Social ! 35, rue Joseph Monier
F - 92500 Rueil-Malmaison

The data shown in this spreadsheet are related to the following production Date Code: Week 39/2017

The data shown in this spreadsheet are related to the following version of the RoHS directive: 2011/65/EU

Commercial ref.	Range Brand	Compliance status Product description	Datecode
SR2B122BD	Zelio Logic Schneider Electric	**Compliant** Smart relay SR2 with clock	**since week 0622**

Schneider Electric Industries
REACh Project

Date: Sunday, October 01, 2017

Dear Customer,

Schneider Electric SE and its affiliates (Schneider Electric) have undertaken since 2008 to comply strictly with the Reach regulation N° 1907/2006 for the declaration of Substances of Very High Concern (hereafter referred to as SVHC), authorization (Annex XIV) and restriction (Annex XVII).
As per our commitment under article 33 of the said regulation, you will find attached herebelow information, to the best of our knowledge and as of the date of publication of this information, regarding the presence of SVHC in Schneider Electric products.

This information will evolve over time in function of the improved knowledge resulting from both additional information provided by our suppliers and our own investigations.

Moreover, Schneider Electric has taken into account the judgement of the EU Court of Justice of 10 September 2015 in case C-106/14 and is currently investigating what needs to be done to implement this judgement as soon as possible.

In accordance with its environmental strategy, Schneider Electric and its affiliates have decided to apply REACH regulation on a worldwide basis.

In accordance with the Environment policy of our Company, we continuously work towards products and services which reduce the impact to the environment or on human health when used for their intended purpose and in conditions stated in the documentation provided by Schneider Electric. With this objective, Schneider Electric willingness is to substitute as soon as possible substances of concern with a specific focus on REACH Annex XIV replacement before their sunset date.

At life end, we invite you to follow appropriate waste and recycling procedures.

Please Note:
You can find more information about Schneider Electric environmental commitment on www.schneider-electric.com

Best Regards

Xavier Houot
SVP Safety, Environment & Real Estate

Schneider Electric Industries SAS

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The data shown in this spreadsheet are related to the following production Date Code: 39/2017
The data shown in this spreadsheet are related to the following version of the REACh regulation: July 2017 candidate list
Some substances in our products are declared for information only as stated in the following position paper

Commercial ref. Range Brand	SVHC content Product description
SR2B122BD Zelio Logic Schneider Electric	**Reference not containing SVHC above the threshold** - In this product, no substance under REACH annex XVII regulation is used in the scope of restriction. This includes for instance asbestos, polycyclic-aromatic hydrocarbons (PAH) or polychlorinated biphenyls (PCB)…
	Smart relay SR2 with clock

Supplier's declaration of conformity

Australian Government | acma Australian Communications and Media Authority

For compliance levels 1, 2 and 3 in Australia

As required by the following Notices:

- *Radiocommunications Devices (Compliance Labelling) Notice 2003* made under section 182 of the *Radiocommunications Act 1992*;
- *Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2008* made under section 182 of the *Radiocommunications Act 1992*
- *Radiocommunications (Compliance Labelling – Electromagnetic Radiation) Notice 2003* made under section 182 of the *Radiocommunications Act 1992* and
- *Telecommunications Labelling (Customer Equipment and Customer Cabling) Notice 2001* made under section 407 of the *Telecommunications Act 1997*.

Instructions for completion

- ***Do not return this form to the ACMA***. This completed form must be retained by the supplier as part of the documentation required for the compliance records and must be made available for inspection by the ACMA when requested.

Supplier's details (manufacturer, importer or authorised agent)

Company Name (OR INDIVIDUAL)

Schneider Electric
TRADING AS

Street Address

78 Waterloo Road
Macquarie Park, NSW
POSTCODE2113

ACMA supplier code number
(issued by the ACMA prior to 1 March 2013)

ERAC000097

OR

ABN

Product details

Product description – brand name, type, model, lot, batch or serial number (if available)

Schneider Electric, Programmable Controllers, Accessory, SR2 and SR3 series
SR2A101BD, , SR2A101FU, SR2A201BD, SR2A201E, SR2A201FU, SR2B121B, SR2B121BD, SR2B121FU, SR2B121JD, SR2B122BD, SR2B201B, SR2B201BD, SR2B201FU, SR2B201JD, SR2B202BD, SR2BTC01, SR2COM01, SR2D101BD, SR2D101FU, SR2D201BD, SR2D201FU, SR2E121B, SR2E121BD, SR2E121FU, SR2E201B, SR2E201BD, SR2E201FU, SR2MEM01, SR2MEM02, SR3B101B, SR3B101BD, SR3B101FU, SR3B102BD, SR3B261B, SR3B261BD, SR3B261FU, SR3B262BD, SR3MBU01BD, SR3NET01BD, SR3XT101B, SR3XT101BD, SR3XT101FU, SR3XT141B, SR3XT141BD, SR3XT141FU, SR3XT43BD, SR3XT61B, SR3XT61BD, SR3XT61FU

Compliance

The above mentioned product complies with the requirements of the relevant ACMA Standards made under the *Radiocommunications Act 1992* and the *Telecommunications Act 1997*. These Standards are referenced in notices made under *section 182 of the Radiocommunications Act and 407 of the Telecommunications Act.*

Evidence of compliance is demonstrated by test reports to the following applicable standards.

Applicable standards

Standard title, number and, if applicable, number of the test report

EMC Directive 2004/108/EC: **EN 61131-2:2007** Programmable controllers -- Part 2: Equipment requirements and tests
Low Voltage Directive 2006/95/EC: **EN 61131-2:2007** Programmable controllers -- Part 2: Equipment requirements and tests
EC Declaration Document: HRB8083900_02_DeclarationOfConformity_SRxxxxxxx_signed

Declaration

I hereby declare that the contents of this form are true and correct, that the product mentioned above complies with the relevant above mentioned standards and all products supplied under this declaration will be identical to the product identified above.

Note: Under section 137.1 of the *Criminal Code Act 1995*, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.
Penalty: 12 months imprisonment

SIGNATURE OF SUPPLIER OR AGENT	POSITION IN ORGANISATION: DIRECTOR - INDUSTRY BUSINESS
PRINT NAME: Mauro DelleMonache	DATE: 28/06/2017

The *Privacy Act 1988* (Cth) (the Privacy Act) imposes obligations on the ACMA in relation to the collection, security, quality, access, use and disclosure of personal information. These obligations are detailed in the Australian Privacy Principles.

The ACMA may only collect personal information if it is reasonably necessary for, or directly related to, one or more of the ACMA's functions or activities.

The purpose of the collection of the personal information in this online form is to ensure the supplier is identified in the 'Declaration of conformity'. This information is required under the following notices:

- Radiocommunications Devices (Compliance Labelling) Notice 2003 made under section 182 of the *Radiocommunications Act 1992*
- Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2008 made under section 182 of the *Radiocommunications Act 1992*
- Radiocommunications (Compliance Labelling—Electromagnetic Radiation) Notice 2003 made under section 182 of the *Radiocommunications Act 1992*
- Telecommunications Labelling (Customer Equipment and Customer Cabling) Notice 2001 made under section 407 of the *Telecommunications Act 1997.*

If you do not provide the information, a compliance label is not able to be applied.

Further information on the Privacy Act and the ACMA's Privacy Policy is available at www.acma.gov.au/privacypolicy. The Privacy Policy contains details about how you may access personal information about you that is held by the ACMA, and seek the correction of such information. It also explains how you may complain about a breach of the Privacy Act and how we will deal with such a complaint.

Should you have any questions in this regard, please contact the ACMA's privacy contact officer on telephone on 1800 226 667 or by email at privacy@acma.gov.au.

EU – Declaration of Conformity

Document number / Month.Year: HRB8083900.02 / 04.2016

We: Schneider Electric Automation GmbH
Subsidiary of Schneider Electric SE (FR-92500 Rueil-Malmaison)

Schneiderplatz 1
97828 Marktheidenfeld
Germany

Hereby declare in our sole responsibility as manufacturer that the product(s):

Trademark:	Schneider Electric
Product, Type, Function:	Programmable Controllers - Accessory
Models:	See model list attached
Serial Number:	00YYWWXXXXX 00 = PLANT CODE, YY = Years, WW = Week, XXXXX = 0001…9999

is/are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards:

Directive	Harmonized Standard
DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits	**EN 61131-2:2007** Programmable controllers -- Part 2: Equipment requirements and tests
DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast)	**EN 61131-2:2007** Programmable controllers -- Part 2: Equipment requirements and tests

It is important that the component is subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions, user manual and to the accepted rules of the art.

Issued at: Marktheidenfeld - Germany, 20th April 2016

Schneider Electric Automation GmbH
Schneiderplatz 1
97828 Marktheidenfeld
Telefon: 09391 606-0

i.A. Michael Schweizer
Machine Solutions Certification Manager

EU – Declaration of Conformity

Document number / Month.Year: HRB8083900.02 / 04.2016

List of Models:

Model	Description
SR2A101BD	SR 10 I O REL. 24VDC DISPL W O CLK
SR2A101FU	SR 10 I O REL. 100 240VAC DISPL W O CLK
SR2A201BD	SR 20 I O REL. 24VDC DISPL W O CLK
SR2A201E	SR 20 I O REL. 48VAC DISPL W O CLK
SR2A201FU	SR 20 I O REL. 100 240VAC DISPL W O CLK
SR2B121B	SR 12 I O REL. 24VAC DISPL & CLK
SR2B121BD	SR 12 I O REL. 24VDC DISPL & CLK
SR2B121FU	SR 12 I O REL. 100 240VAC DISPL & CLK
SR2B121JD	SR 12 I O REL. 24VDC DISPL & CLK
SR2B122BD	SR 12 I O TRANSISTOR 24VDC DISPL & CLK
SR2B201B	SR 20 I O REL. 24VAC DISPL & CLK
SR2B201BD	SR 20 I O REL. 24VDC DISPL & CLK
SR2B201FU	SR 20 I O REL. 100 240VAC DISPL & CLK
SR2B201JD	SR 20 I O REL. 12VDC DISPL & CLK
SR2B202BD	SR 20 I O TRANSISTOR 24VDC DISPL & CLK
SR2BTC01	BLUETOOTH INTERFACE FOR SR
SR2COM01	MODEM COM. INTERFACE FOR SR
SR2D101BD	SR 10 I O REL. 24VDC W O DISPL CLK
SR2D101FU	SR 10 I O REL. 100 240VAC W O DISPL CLK
SR2D201BD	SR 20 I O REL. 24VDC W O DISPL CLK
SR2D201FU	SR 20 I O REL. 100 240VAC W O DISPL CLK
SR2E121B	SR 12 I O REL. 24VAC CLK W O DISPL
SR2E121BD	SR 12 I O REL. 24VDC CLK W O DISPL
SR2E121FU	SR 12 I O REL. 100 240VAC CLK W O DISPL
SR2E201B	SR 20 I O REL. 24VAC CLK W O DISPL
SR2E201BD	SR 20 I O REL. 24VDC CLK W O DISPL
SR2E201FU	SR 20 I O REL. 100 240VAC CLK W O DISPL
SR2MEM01	MEMORY CARTRIDGE FOR TRANSFERING PROGRAM
SR2MEM02	MEMORY CART. FOR TRANSFER. PROG FIRMWARE
SR3B101B	SR 10 I O REL. 24VAC DISPL & CLK
SR3B101BD	SR 10 I O REL. 24VDC DISPL & CLK
SR3B101FU	SR 10 I O REL. 100 240VAC DISPL & CLK
SR3B102BD	SR 10 I O TRANSISTOR 24VDC DISPL & CLK
SR3B261B	SR 26 I O REL. 24VAC DISPL & CLK
SR3B261BD	SR 26 I O REL. 24VDC DISPL & CLK
SR3B261FU	SR 26 I O REL. 100 240VAC DISPL & CLK
SR3B262BD	SR 26 I O TRANSISTOR 24VDC DISPL & CLK
SR3MBU01BD	MODBUS EXTENSION FOR 24VDC SMART RELAY
SR3NET01BD	ETHERNET EXTENSION FOR 24VDC SMART RELAY
SR3XT101B	10 I O REL. EXTENSION FOR 24VAC SR
SR3XT101BD	10 I O REL. EXTENSION FOR 24VDC SR
SR3XT101FU	10 I O REL. EXTENSION FOR 100 240VAC SR
SR3XT141B	14 I O REL. EXTENSION FOR 24VAC SR
SR3XT141BD	14 I O REL. EXTENSION FOR 24VDC SR
SR3XT141FU	14 I O REL. EXTENSION FOR 100 240VAC SR
SR3XT43BD	4 ANALOG I O EXTENSION FOR 24VDC SR
SR3XT61B	6 I O REL. EXTENSION FOR 24VAC SR
SR3XT61BD	6 I O REL. EXTENSION FOR 24VDC SR
SR3XT61FU	6 I O REL. EXTENSION FOR 100 240VAC SR

DNV·GL

Certificate No:
TAA00000VK

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Programmable Controller

with type designation(s)
Smart Relays Smart Relays Series Zelio Logic, Telemecanique Zelio Models SR2 & SR3

Issued to
Schneider Electric Automation GmbH
Marktheidenfeld, Germany

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Type	Temperature	Humidity	Vibration	EMC	Enclosure
Smart Relays Smart Relays Series Zelio Logic	**B**	**B**	**A**	**A**	
Telemecanique Zelio Models SR2 & SR3	**B**	**B**	**A**	**A**	

This Certificate is valid until **2022-01-30**.
Issued at **Hamburg** on **2017-01-31**

DNV GL local station: **Augsburg**

Approval Engineer: **Andrea Grün**

Digitally Signed By: Rinkel, Marco
for **DNV GL**
Signing Date: 2017-02-07
Location: Hamburg - On behalf of

Duy Nam Le
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

Compact Smart Relays with Display

12 V DC	SR2B121JD; SR2B201JD
24 V DC	SR2A101BD; SR2B121BD; SR2B122BD; SR2A201BD; SR2B201BD; SR2B202BD
24 V AC	SR2B121B; SR2B201B
100 … 240 V AC	SR2A101FU; SR2B121FU; SR2A201FU; SR2B201FU

Compact Smart Relays without Display

24 V DC	SR2D101BD; SR2E121BD; SR2D201BD; SR2E201BD
24 V AC	SR2E121B; SR2E201B
100 … 240 V AC	SR2D101FU; SR2E121FU; SR2D201FU; SR2E201FU

Firmware Version : V Z2DC27_4_03_1_2_012345----.bz2 and Z2DC2a_4_03_1_1_012345----.bz2

Modular Smart Relays with Display

12 V DC	SR3B261JD
24 V DC	SR3B101BD; SR3B102BD; SR3B261BD; SR3B262BD
24 V AC	SR3B101B; SR3B261B
100 … 240 V AC	SR3B101FU; SR3B261FU

Analogue I/O extension modules	4 I/Os SR3XT43BD
Discrete I/O Extension Module	SR3XT
12 V DC for SR3B261JD	SR3XT61JD; SR3XT101JD; SR3XT141JD
24 V DC for SR3B…BD	SR3XT61BD; SR3XT101BD; SR3XT141BD
24 V AC for SR3B…B	SR3XT61B; SR3XT101B; SR3XT141B
100 … 240 V AC for SR3B…FU	SR3XT61FU; SR3XT101FU; SR3XT141FU

Modubus network communication module	SR3NET01BD
Modbus network slave communication module	SR3MBU01BD
Memory Cartridge	SR2MEM01; SR2MEM02
Connecting Cable; Interface	SR2CBL01; SR2USB01; SR2CBL06

Inputs

Discrete DC Input Ratings (I1…IA & ICH…IR)	SR…..JD 12 V DC / 4 mA; SR…..BD 24 V DC / 4 mA
Discrete or Analog DC Input Ratings (IB…IG)	SR…..JD 12 V DC / 4 mA; SR…..BD 24 V DC / 4 mA
Analog DC Input Ratings	SR…..JD 0…10 V or 0…12 V; SR…..BD 0…10 V or 0…24 V
Analog DC Input Ratings (IH, IJ & Pt)	IH, IJ 0…10 V DC, 0…20 mA; Pt -25°C … +125°C
Discrete AC Input Ratings	SR…..B 24 V AC / 4.4 mA; SR…..FU 100 … 240 V AC / 0.6 mA

Outputs

Relay Output Ratings	8x Outputs Ith 8A SR2…/ SR3B101../ SR3XT61.. / SR3XT101.. 8x Outputs Ith 8A +2x Outputs Ith 5A SR3B261.. 4x Outputs Ith 8A +2x Outputs Ith 5A SR3XT141..
	DC12 24 V DC / 1.5 A; DC13 24 V DC / 0.6 A
	AC12 230 V AC / 1.5 A; AC15 230 V AC / 0.9 A
Transistor Output Ratings	24 V DC / 0.5 A SR.B..2BD

Supplies

Supply Ratings	12 V DC	SR2B121JD 120 mA; SR2B201JD 200 mA; SR3B261JD 250 mA, 400 mA with extension
Supply Ratings	24 V DC	SR2.1.1BD 100 mA; SR2B122BD 100 mA; SR2.201BD 100 mA; SR2B202BD 100 mA; SR3B101BD 100 mA with extension; SR3B102BD 50 mA, 160 mA with extension; SR3B261BD 190 mA, 300 mA with extension; SR3B262BD 70 mA, 180 mA with extension
Supply Ratings	24 V AC	SR2B121B 145 mA; SR2.201B 233 mA; SR3B101B 160 mA, 280 mA with extension; SR3B261B 280 mA, 415 mA with extension
Supply Ratings	100…240 V AC	SR2.101FU, SR2.121FU 80-30 mA; SR2.201FU 100-50 mA; SR3B101FU 80-30 mA, 80-40 mA with extension; SR3B261FU 100-50 mA, 80-60 mA with extension

Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV GL, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV GL rules for classification of ships Pt.4 Ch.9 Control and monitoring systems.

Product certificate

If specified in the Rules, ref. Pt.4 Ch.9 Sec.1, the control and monitoring system in which the above listed hardware is used shall be delivered with a product certificate. For each such delivery the certification test is to be performed at the manufacturer of the application system before the system is shipped to the yard. The test shall be done according to an approved test program. After the certification the clause for application software control will be put into force.

Clause for application software control

All changes in software are to be recorded as long as the system is in use on board. The records of all changes are to be forwarded to DNV GL for evaluation and approval. Major changes in the software are to be approved before being installed in the computer.

Type Approval documentation

Test reports :	1505568	dated 09-11-2005
	EMC RC-03-40777-A	dated 28-01-2004
	RC-03-40134-1-A	dated 25-03-2003
	No. 030212	dated 20-05-2003
	No 030395 and No. 040276	dated 20-02-2006
	NE110 015P05001 V 00.02	dated 29-11-2005
	NE110 023P05000 V 00	dated 21-03-2005
	NE112 031P05000 V 00	dated 30-09-2005
	NE112 033P05000 V 00.00	dated 20-04-2006
	NE112 034P05000 V 00.00	dated 31-31-2006
	R-032-C45-07-100812-1-A-FL-PH	dated 27-03-2007
Documentation	Qualification Plan	dated 20-02-2006
	Zelio CD Qualif. GL Zelio	

Tests carried out

Applicable tests according to class guideline DNVGL-CG-0339, November 2015.

Marking of product

The products to be marked with:

- manufacturer name
- model name
- serial number
- power supply ratings

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE