

ADVARSEL
Dette modul er beregnet for tilslutning til livsfarlige elektriske spændinger. Hvis denne advarsel ignoreres, kan det føre til alvorlig legemsbeskadigelse eller mekanisk ødelæggelse.

Generelt
For at undgå faren for elektriske stød og brand skal sikkerhedsreglerne overholdes, og vejledningerne skal følges.
Specifikationer må ikke overskrides, og modulet må kun benyttes som beskrevet i det følgende.

ADVARSEL
Der må ikke tilslutes farlig spænding til modulet, før dette er fastmonteret, og følgende operationer bør kun udføres på modulet i spændingsløs tilstand og under ESD-sikre forhold:

ADVARSEL
For at overholde sikkerhedsafstande må der ikke tilslutes både farlig og ikke-farlig spænding på modulets relekontakt.

ADVARSEL
SYSTEM 5000 skal monteres på DIN-skinne efter DIN 46277.

SIKKERHEDSREGLER

Mottagelse og udpakning
Udpak modulet uden at beskadige det. Kontrollér ved mottagelsen, at modultypen svarer til den bestilte.

Miljøforhold
Undgå direkte sollys, kraftigt støv eller varme, mekaniske rystelser og stød, og udsæt ikke modulet for regen eller kraftig fugt.

Installation
Modulet må kun tilslutes af kvalificerede teknikere, som er bekendte med de tekniske udtryk, advarsler og instruktioner i installationsvejledningen, og som vil følge disse.

Under kalibrering og justering skal måling og tilslutning af eksterne spændinger udføres i henhold til denne installationsvejledning, og teknikeren skal benytte sikkerhedsmæssigt korrekte værktøjer og instrumenter.

UL-installationskrav
Brug kun 60/75°C kobberledninger. Må kun anvendes i forureningsgrad 2 eller bedre. Max. ledningskvadrat..... 1 x 2,5 mm²
UL fil-nummer..... E231911

Under kalibrering og justering skal måling og tilslutning af eksterne spændinger udføres i henhold til denne installationsvejledning, og teknikeren skal benytte sikkerhedsmæssigt korrekte værktøjer og instrumenter.

Renngøring
Modulet må, i spændingsløs tilstand, rengøres med en klud fugtet med destilleret vand.

DIP-switchprogrammering af 5202
Husk først at demontere tilslutningsklemmerne med farlig spænding.
1) Modulet frigøres fra DIN-skinne ved at løfte i den nederste lås (se billede 2).

PC-programmering af SYSTEM 5000
Modulet konfigureres til den aktuelle opgave ved hjælp af en PC og PR electronics A/S' kommunikationsinterface Loop Link. Det er muligt at konfigurere modulet både med og uden tilslutet forsyningsspænding, idet kommunikationsinterface leverer nødvendig forsyning til opsettningen.

Elektriske specifikationer
Specifikationsområde..... -20°C til +60°C
Forsyningspænding, universel..... 21,6..253 VAC eller 19,2..300 VDC
Forsyningspænding 5225..... 19,2..28,8 VDC

Electrical specifications
Specifications range..... -20°C to +60°C
Supply voltage, universal..... 21,6..253 VAC or 19,2..300 VDC
Supply voltage 5225..... 19,2..28,8 VDC

Relauidgang - 5202, 5223, 5225 & 5420
Max. spænding..... 250 VRMS
Max. strøm..... 2 A / AC

Godkendelser
EAC..... TR-CU 020/2011
*EAC Ex..... TR-CU 012/2011
**UL, Standard for Safety..... UL 913 and UL 508

Observed authority requirements
EMC..... 2014/30/EU
LVD..... 2014/35/EU
*ATEX..... 2014/34/EU

Table with columns: Channel 1 signal to channel 2, Cable error, Signal, Relay function, Channel 1, Channel 2.

Jumper programmering 5202

(DK) Ex godkendelser (UK) I.S approvals (FR) Approbations S.I. (DE) Ex-Zulassungen

Table with columns: Signal transmission, Direct, Inverted, Channel 1 signal to channel 2, Cable error, Signal.

WARNING
This device is designed for connection to hazardous electric voltages. Ignoring this warning can result in severe personal injury or mechanical damage.

General
To avoid the risk of electric shock and fire, the safety instructions of this guide must be observed and the guidelines followed. The specifications must not be exceeded, and the device must only be applied as described in the following.

ADVARSEL
Until the device is fixed, do not connect hazardous voltages to the device. The following operations should only be carried out on a disconnected device and under ESD safe conditions:

ADVARSEL
To keep the safety distances, the relay contacts on the device must not be connected to both hazardous and non-hazardous voltages at the same time.

ADVARSEL
SYSTEM 5000 must be mounted on a DIN rail according to DIN 46277. The communication connector of SYSTEM 5000 is connected to the input terminals on which dangerous voltages can occur, and it must only be connected to the programming unit Loop Link by way of the enclosed cable.

SAFETY INSTRUCTIONS

Receipt and unpacking
Unpack the device without damaging it. The packing should always follow the device until this has been permanently mounted.

Environment
Avoid direct sunlight, dust, high temperatures, mechanical vibrations and shock, as well as rain and heavy moisture. If necessary, heating in excess of the stated limits for ambient temperatures should be avoided by way of ventilation.

Mounting
Only qualified technicians who are familiar with the technical terms, warnings, and instructions in this installation guide and who are able to follow these should connect the device.

Cleaning
When disconnected, the device may be cleaned with a cloth moistened with distilled water.

DIP-switch programming of 5202
First, remember to demount the connectors with hazardous voltages.

PC programming of SYSTEM 5000
The device is configured to the present task by way of a PC and PR electronics A/S' communications interface Loop Link. The device can be configured with or without a connected supply voltage as the communications interface supplies the necessary voltage to the set-up.

Electrical specifications
Specifications range..... -20°C to +60°C
Supply voltage, universal..... 21,6..253 VAC or 19,2..300 VDC
Supply voltage 5225..... 19,2..28,8 VDC

Relay output - 5202, 5223, 5225 & 5420
Max. voltage..... 250 VRMS
Max. current..... 2 A / AC

Approvals
EAC..... TR-CU 020/2011
*EAC Ex..... TR-CU 012/2011
**UL, Standard for Safety..... UL 913 and UL 508

Observed authority requirements
EMC..... 2014/30/EU
LVD..... 2014/35/EU
*ATEX..... 2014/34/EU
PELV/SELV..... IEC 364-4-41 and EN 60742
RoHS..... 2011/65/EU

Table with columns: Relay function, Channel 1, Channel 2, Terminal, Uo, Io, Po, Lo, Co, UL.

Jumper programmering 5202

(DK) Ex godkendelser (UK) I.S approvals (FR) Approbations S.I. (DE) Ex-Zulassungen

Table with columns: Signal transmission, Direct, Inverted, Channel 1 signal to channel 2, Cable error, Signal.

AVERTISSEMENT
Ce module est conçu pour supporter une connexion à des tensions électriques dangereuses. Si vous ne tenez pas compte de cet avertissement, cela peut causer des dommages corporels ou des dégâts mécaniques.

Informations générales
Pour éviter les risques d'électrocution et d'incendie, conformez-vous aux consignes de sécurité et suivez les instructions mentionnées dans ce guide.

ADVARSEL
Tant que le module n'est pas fixé, ne le reliez pas sous tensions dangereuses. Les opérations suivantes doivent être effectuées avec le module débranché et dans un environnement exempt de décharges électrostatiques (ESD).

ADVARSEL
Afin de conserver les distances de sécurité, les contacts de relais du module ne doivent pas être mis sous tensions dangereuse et non-dangereuse en même temps.

ADVARSEL
Il convient de monter l'appareil SYSTEM 5000 sur un rail DIN en se conformant à la norme DIN 46277.

CONSIGNES DE SECURITE

Réception et déballage
Déballer le module sans l'endommager. Il est recommandé de conserver l'emballage du module tant que ce dernier n'est pas définitivement monté.

Environnement
Évitez l'exposition de votre module aux rayons directs du soleil et choisissez un endroit à humidité modérée et à l'abri de la poussière, des températures élevées, des chocs et des vibrations mécaniques et de la pluie.

Montage
Il est conseillé de réserver le raccordement du module aux techniciens qualifiés qui connaissent les termes techniques, les avertissements et les instructions de ce guide et qui sont capables d'appliquer ces dernières.

Cleaning
When disconnected, the device may be cleaned with a cloth moistened with distilled water.

DIP-switch programming of 5202
First, remember to demount the connectors with hazardous voltages.

PC programming of SYSTEM 5000
The device is configured to the present task by way of a PC and PR electronics A/S' communications interface Loop Link. The device can be configured with or without a connected supply voltage as the communications interface supplies the necessary voltage to the set-up.

Electrical specifications
Specifications range..... -20°C to +60°C
Supply voltage, universal..... 21,6..253 VAC or 19,2..300 VDC
Supply voltage 5225..... 19,2..28,8 VDC

Relay output - 5202, 5223, 5225 & 5420
Max. voltage..... 250 VRMS
Max. current..... 2 A / AC

Approvals
EAC..... TR-CU 020/2011
*EAC Ex..... TR-CU 012/2011
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PELV/SELV..... IEC 364-4-41 and EN 60742
RoHS..... 2011/65/EU

Table with columns: Relay function, Channel 1, Channel 2, Terminal, Uo, Io, Po, Lo, Co, UL.

Jumper programmering 5202

(DK) Ex godkendelser (UK) I.S approvals (FR) Approbations S.I. (DE) Ex-Zulassungen

Table with columns: Signal transmission, Direct, Inverted, Channel 1 signal to channel 2, Cable error, Signal.

WARNING
Dieses Gerät ist für den Anschluss an lebensgefährliche elektrische Spannungen gebaut. Missachtung dieser Warnung kann zu schweren Verletzungen oder mechanischer Zerstörung führen.

Allgemeines
Um die Gefahrung durch Stromstöße oder Brand zu vermeiden müssen die Sicherheitsregeln der Installationsanleitung eingehalten, und die Anweisungen befolgt werden.

ADVARSEL
Vor dem abgeschlossenen festen Einbau des Gerätes darf daran keine gefährliche Spannung angeschlossen werden, und folgende Maßnahmen sollten nur in spannungslosem Zustand des Gerätes und unter ESD-sicheren Verhältnissen durchgeführt werden.

ADVARSEL
Zur Einhaltung der Sicherheitsabstände dürfen die Relaiskontakte des Moduls nicht an sowohl gefährliche und ungefährlche Spannung angeschlossen werden.

ADVARSEL
Das System 5000 muss auf eine DIN-Schiene nach DIN 46277 montiert werden.

SICHERHEITSGEGELN

Empfang und Auspacken
Packen Sie das Gerät aus, ohne es zu beschädigen, und kontrollieren Sie beim Empfang, ob der Gerätetyp Ihrer Bestellung entspricht.

Umgebungsbedingungen
Direkte Sonneneinstrahlung, starke Staubbentwicklung oder Hitze, mechanische Erschütterungen und Stöße sind zu vermeiden; das Gerät darf nicht Regen oder starker Feuchtigkeit ausgesetzt werden.

Montage
Das Gerät darf nur von qualifizierten Technikern angeschlossen werden, die mit den technischen Ausdrücken, Warnungen und Anweisungen in dieser Installationsanleitung vertraut sind und diese befolgen.

Cleaning
When disconnected, the device may be cleaned with a cloth moistened with distilled water.

DIP-switch programming of 5202
First, remember to demount the connectors with hazardous voltages.

PC programming of SYSTEM 5000
The device is configured to the present task by way of a PC and PR electronics A/S' communications interface Loop Link. The device can be configured with or without a connected supply voltage as the communications interface supplies the necessary voltage to the set-up.

Electrical specifications
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Relay output - 5202, 5223, 5225 & 5420
Max. voltage..... 250 VRMS
Max. current..... 2 A / AC

Approvals
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*EAC Ex..... TR-CU 012/2011
**UL, Standard for Safety..... UL 913 and UL 508

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EMC..... 2014/30/EU
LVD..... 2014/35/EU
*ATEX..... 2014/34/EU
PELV/SELV..... IEC 364-4-41 and EN 60742
RoHS..... 2011/65/EU

Table with columns: Relay function, Channel 1, Channel 2, Terminal, Uo, Io, Po, Lo, Co, UL.

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Table with columns: Signal transmission, Direct, Inverted, Channel 1 signal to channel 2, Cable error, Signal.

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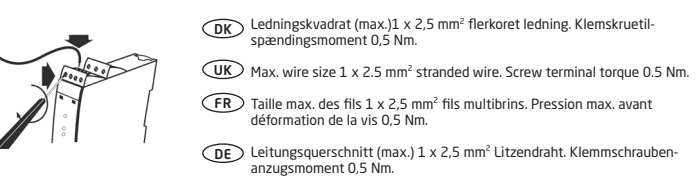
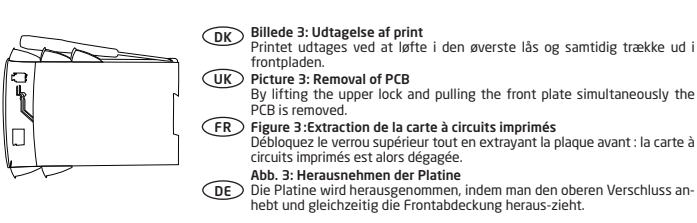
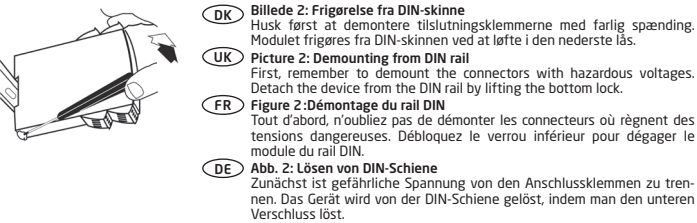
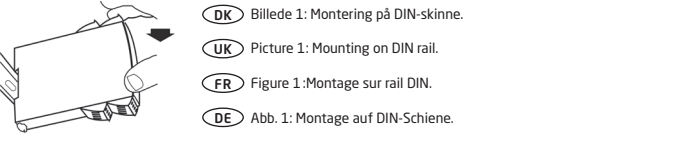
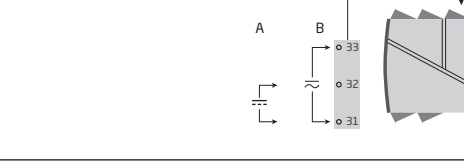
www.prellectronics.com

Table with columns: Country code, Product code.

Table with columns: Country code, Input signals, Output signals.

Table with columns: Country code, Input signals, Output signals, Voltage, Spænding, Tension, Spannung.

Table with columns: Country code, Supply, Alimentation, Versorgung.



(DK) Sideskilt (UK) Side label (FR) Etiquette (DE) Typenschild

Table with columns: Product code, Relays, Input signals, Output signals, Safety features.

(DK) Benfordindeler (UK) Pin connections (FR) Raccordement des bornes (DE) Klemmenschluss

(DK) Topskilt (UK) Top label (FR) Etiquette (DE) Topschild

5202
SN:00000000
(DK) Typenr. (FR) No. de type (UK) Type no. (DE) Typennr.
(DK) Produktionsår fremgår af de to første cifre i serienummeret. (FR) Year of manufacture can be taken from the first two digits in the serial number. (UK) Year of manufacture can be taken from the first two digits in the serial number. (DE) L'année de production est définie grace aux deux premiers chiffres du numéro de série. (DK) Die ersten beiden Ziffern der Seriennummer geben das Produktionsjahr an.

(DK) Ex godkendelser (UK) I.S approvals (FR) Approbations S.I. (DE) Ex-Zulassungen

Table with columns: Country code, Product code, Input signals, Output signals.

(DK) Dokumentation, godkendelser og yderligere information findes på internettet på www.prellectronics.dk

(UK) Documentation, permits and other information can be found on the internet at www.prellectronics.com

(FR) La documentation et toute autre information peuvent être trouvées sur l'Internet sur notre site: www.prellectronics.fr

(DE) Dokumentationen, Zulassungen und andere Informationen können auf unserer Internet-Seite unter www.prellectronics.de gefunden und abgerufen werden.

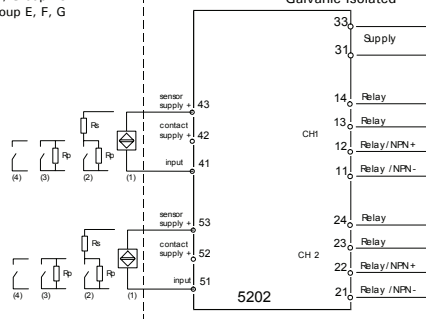
UL CONTROL DRAWING 5202QU01

Hazardous (Classified) Location

Class I, Division 1, Group A,B,C,D
Class I, Zone 0 and 1, Group IIC
Class II, Division 1 Group E, F, G

Nonhazardous

Associated apparatus
Galvanic Isolated



5202B Associated apparatus parameters	
CH1	Terminals 41 to 43
CH2	Terminals 51 to 53
Vt (Uo)	10.6 V
It (Io)	13.8 mA
Po	0.038 W
IIC / grp. A,B IIB / grp. C IIA / grp. D	
Ca (Co)	1.9 µF
La (Lo)	160 mH
Relay output 11 - 14, 21 - 24	
Voltage	250V AC, 100 VA
Current	2 A AC, 100 VA
24VDC	1 A DC
Pilot Duty	120/240 V AC, 100V AC
NPN output 11 - 12, 21 - 22	
General purpose	30V DC, 80 mA
Pilot duty	30V DC, 80 mA

Intrinsically safe apparatus
entity parameters:

$V_{max}(U_i) \geq V_t(U_o)$
 $I_{max}(I_i) \geq I_t(I_o)$
 $P_i \geq P_o$
 $C_a \geq C_{cable} + C_i$
 $L_a \geq L_{cable} + L_i$

The sum of capacitance and inductance of cable and intrinsic safe equipment must be less or equal to C_a and L_a

Installation notes:

- The maximum nonhazardous location voltage is 250Vac/dc.
- The installation shall be in accordance with the National Electrical Code NFPA 70, Articles 504 and 505.
- The terminals of the two individual channels shall not be interconnected in any way.
- Install in Pollution degree 2 or better
- Use 60 / 75 °C Copper Conductors with Wire Size AWG: (26 – 14).
- Warning: Substitution of components may impair intrinsic safety.
- If cable parameters are unknown C_{cable} may be set to 60pF/ft and L_{cable} may be set to 0.20 µH/ft

Rev. AA 2003-09-19

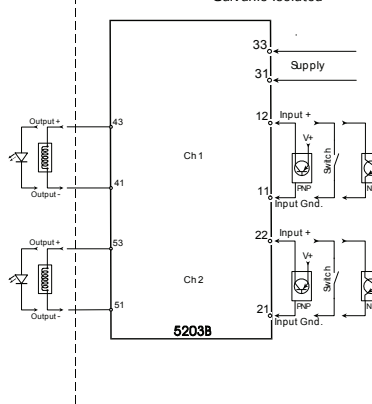
UL CONTROL DRAWING 5203QU01

Hazardous (Classified) Location

Class I, Division 1, Group A,B,C,D
Class I, Zone 0 and 1, Group IIC
Class II, Division 1 Group E, F, G

Nonhazardous

Associated apparatus
Galvanic Isolated



Intrinsically safe apparatus
entity parameters:

$V_{max}(U_i) \geq V_t(U_o)$
 $I_{max}(I_i) \geq I_t(I_o)$
 $P_i \geq P_o$
 $C_a \geq C_{cable} + C_i$
 $L_a \geq L_{cable} + L_i$

The sum of capacitance and inductance of cable and intrinsic safe equipment must be less or equal to C_a and L_a

5203B Associated apparatus parameters									
Type	F			H			I		
Vt (Uo)	28 V			28 V			28 V		
It (Io)	115 mA			110 mA			83 mA		
Po	0.81 W			0.77 W			0.65 W		
Group	A,B and IIC	C and IIB	D and IIA	A,B and IIC	C and IIB	D and IIA	A,B and IIC	C and IIB	D and IIA
La (Lo)	1.6 mH	5.0 mH	16mH	2.0 mH	8 mH	20 mH	2.4 mH	9 mH	25 mH
Ca (Co)	0.06 µF	0.52 µF	1.7µF	0.06µF	0.52 µF	1.7µF	0.06 µF	0.52 µF	1.7µF

Installation notes:

- The maximum nonhazardous location voltage is 250Vac/dc.
- The installation shall be in accordance with the National Electrical Code NFPA 70, Articles 504 and 505.
- The terminals of the two individual channels shall not be interconnected in any way.
- Install in Pollution degree 2 or better
- Use 60 / 75 °C Copper Conductors with Wire Size AWG: (26 – 14).
- Warning: Substitution of components may impair intrinsic safety.
- If cable parameters are unknown C_{cable} may be set to 60pF/ft and L_{cable} may be set to 0.20 µH/ft

Rev. AA 2003-09-19

DECLARATION OF CONFORMITY

(5202DoC_101)

As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5202
Name: Pulse isolator
From serial no.: 150802000

is in conformity with the following directives and standards:

The EMC Directive and later amendments
until 2016.04.19: 2004/108/EC
from 2016.04.20: 2014/30/EU

EN 61326-1 : 2013

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments

until 2016.04.19: 2006/95/EC
from 2016.04.20: 2014/35/EU

EN 61010-1 : 2010

The ATEX Directive and later amendments

until 2016.04.19: 94/9/EC
from 2016.04.20: 2014/34/EU

EN 50014 : 1997 E incl. A1+A2, EN 50020 : 2002 E
and EN 50281-1-1 : 1998 incl. A1

ATEX certificate: DEMKO 99ATEX127186 (5202B)

No changes are required to enable compliance with the replacement standards:

EN 60079-0 : 2012 and EN 60079-11 : 2012

Notified body

UL International Demko A/S (0539)
Lyskaer 8
P.O. Box 514
DK-2730 Herlev

The RoHS2 Directive 2011/65/EU

The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Stig Lindemann

Stig Lindemann, CTO
Manufacturer's signature

Rønde, 29 March 2016

DECLARATION OF CONFORMITY

(5203DoC_101)

As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5203B
Name: Ex solenoid / alarm driver
From serial no.: 150802000

is in conformity with the following directives and standards:

The EMC Directive and later amendments
until 2016.04.19: 2004/108/EC
from 2016.04.20: 2014/30/EU

EN 61326-1 : 2013

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments

until 2016.04.19: 2006/95/EC
from 2016.04.20: 2014/35/EU

EN 61010-1 : 2010

The ATEX Directive and later amendments

until 2016.04.19: 94/9/EC
from 2016.04.20: 2014/34/EU

EN 50014 : 1997 E incl. A1+A2, EN 50020 : 2002 E
and EN 50281-1-1 : 1998 incl. A1

ATEX certificate: DEMKO 99ATEX126257

No changes are required to enable compliance with the replacement standards:

EN 60079-0 : 2012 and EN 60079-11 : 2012

Notified body

UL International Demko A/S (0539)
Lyskaer 8
P.O. Box 514
DK-2730 Herlev

The RoHS2 Directive 2011/65/EU

The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Stig Lindemann

Stig Lindemann, CTO
Manufacturer's signature

Rønde, 29 March 2016

DECLARATION OF CONFORMITY

(5223DoC_101)

As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5223
Name: Programmable f/i - f/f converter
From serial no.: 150802000

is in conformity with the following directives and standards:

The EMC Directive and later amendments
until 2016.04.19: 2004/108/EC
from 2016.04.20: 2014/30/EU

EN 61326-1 : 2013

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments

until 2016.04.19: 2006/95/EC
from 2016.04.20: 2014/35/EU

EN 61010-1 : 2010

The ATEX Directive and later amendments

until 2016.04.19: 94/9/EC
from 2016.04.20: 2014/34/EU

EN 50014 : 1997, EN 50020 : 2002 and EN 50284 : 1999
ATEX certificate: KEMA 04ATEX1001 (5223B)

No changes are required to enable compliance with the replacement standards:

EN 60079-0 : 2012 and EN 60079-11 : 2012

Notified body

KEMA Quality B.V. (0344)
Utrechtseweg 310, 6812 AR Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherlands

The RoHS2 Directive 2011/65/EU

The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Stig Lindemann

Stig Lindemann, CTO
Manufacturer's signature

Rønde, 29 March 2016

DECLARATION OF CONFORMITY

(5225DoC_101)

As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5225
Name: Programmable f/i - f/f converterr
From serial no.: 150802000

is in conformity with the following directives and standards:

The EMC Directive and later amendments
until 2016.04.19: 2004/108/EC
from 2016.04.20: 2014/30/EU

EN 61326-1 : 2013

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments

until 2016.04.19: 2006/95/EC
from 2016.04.20: 2014/35/EU

EN 61010-1 : 2010

The ATEX Directive and later amendments

until 2016.04.19: 94/9/EC
from 2016.04.20: 2014/34/EU

EN 50014 : 1997 E incl. A1+A2, EN 50020 : 2002 E
and EN 50281-1-1 : 1998 incl. A1

ATEX certificate: DEMKO 99ATEX126256

No changes are required to enable compliance with the replacement standards:

EN 60079-0 : 2012 and EN 60079-11 : 2012

Notified body

UL International Demko A/S (0539)
Lyskaer 8
P.O. Box 514
DK-2730 Herlev

The RoHS2 Directive 2011/65/EU

The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Stig Lindemann

Stig Lindemann, CTO
Manufacturer's signature

Rønde, 30 March 2016

DECLARATION OF CONFORMITY

(5420DoC_101)

As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5420B
Name: Ex power supply
From serial no.: 150802000

is in conformity with the following directives and standards:

The EMC Directive and later amendments
until 2016.04.19: 2004/108/EC
from 2016.04.20: 2014/30/EU

EN 61326-1 : 2013

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments

until 2016.04.19: 2006/95/EC
from 2016.04.20: 2014/35/EU

EN 61010-1 : 2010

The ATEX Directive and later amendments

until 2016.04.19: 94/9/EC
from 2016.04.20: 2014/34/EU

EN 50014 : 1997 E incl. A1+A2, EN 50020 : 2002 E
and EN 50281-1-1 : 1998 incl. A1

ATEX certificate: DEMKO 99ATEX126256

No changes are required to enable compliance with the replacement standards:

EN 60079-0 : 2012 and EN 60079-11 : 2012

Notified body

UL International Demko A/S (0539)
Lyskaer 8
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The RoHS2 Directive 2011/65/EU

The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Stig Lindemann

Stig Lindemann, CTO
Manufacturer's signature

Rønde, 29 March 2016