

EUROPEAN UNION RECOGNISED ORGANISATION (EU RO) MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE

Certificate No:
MRA000002Z

In accordance with Article 10.1 of EU Regulation 391/2009

This Certificate is issued to

Saia-Burgess Controls AG
Murten, FR, Switzerland

for

Computers and Programmable Logic Controllers

with type designation(s)

PCD3, PCD7.D4xx, PCD7.D410 VTCF, PCD7.D4xxLL5L, PCD7.D4xxLL5Zxx, PCD7.D412DTPF

The product is found to comply with

**EU RO Mutual Recognition Technical Requirements for Computers and Programmable Logic
Controllers**

**EU RO Mutual Recognition Technical Requirements for Display Monitors, Video Screens,
Terminals**

Intended service

Application of systems are subject for approval of the individual RO classing the vessel.

Temperature [°C]: 0°C and 50°C

Vibration: ±1mm / 0,7g

EMC: All locations including bridge and open deck

IP Code: Required protection according to Class Rules

This is to certify:

that the Product referred to herein has been inspected for the Manufacturer, pursuant to the relevant requirements of the European Union Recognised Organisation Mutual Recognition procedure, required by Article 10.1 of EU Regulation 391/2009, and has been found in accordance with those requirements.

This Certificate is valid until **2025-11-22**.

Issued at **Hamburg** on **2020-11-23**

for **DNV GL**

DNV GL local station: **Augsburg**

Approval Engineer: **Marco Rinkel**

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Joannis Papanuskas
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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Programmable controllers, Type PCD3, PCD7.D4XX

Each designation may be followed by Zxx, where xx are digits for customer specific product design.

Module Type	Function / Reference
Series PCD3.M2 Programmable Controller	
PCD3.M2030V6	Compact PLC with 512 Kbytes user program, 20 dig. IN, 12 dig. OUT, 4 analogue IN, 2 analogue OUT. Expandable to max. 102 I/O's backup with onboard Flash memory, 1 MByte File System, USB port for programming with PG5, RS 485, 2 Interrupts, integral Web & FTP server, 1 port (socket A) for communications interface PCD7.F1xx, lithium battery
PCD3.M2130V6	Same as .M2030, but with Ethernet TCP/IP
PCD3.M2137V6	Similar to PCD3.M2130V6 but programmable with Siemens Step 7
PCD3.M2330A4T1 PCD3.M2330A4T3 PCD3.M2330A4T5	Compact PLC with 512 kBytes user program memory, 8 dig. IN, 2 dig. OUT, 4 analogue IN, 1 Telecom port for PSTN (→T1), ISDN (→T3) or GSM/GPRS (→T5). Expandable to max. 78 I/O's
PCD3.M2230A4T5	Same as PCD3.M2330A4T5, but without Ethernet TCP/IP
Series PCD3.M3 Programmable Controller	
PCD3.M3020/ M3120 PCD3.M3230/ M3330	Basic PLC with 128 or 256/512 KBytes of user memory. Backup with internal Flash memory, USB port for PG5, max. 64 or 1023 digital I/O, 2 interrupts, web-server; RS 485 for Profi-S-Net or S-Bus. PCD3.M3120 and PCD3.M3330 with Ethernet TCP/IP
PCD3.M3160/ M3360	High Power version of PCD3.M3120 and of PCD3.M3320
PCD3.R010	Battery Module for PCD3.M3xxx
Series PCD3.M5 Programmable Controller	
PCD3.M5440/ M5540	Standard PLC with 512 Kbytes of user memory with Run/Stop switch. Backup option with PCD7.R500 Flash Card, USB Port for PG5. max. 1 023 digital I / O, 2 interrupts, web-server RS 232, RS 485 for Profi-S-Net and RS 485 for S-Bus Data protection 1...3 years with lithium battery. M5540 is with Ethernet TCP/IP
PCD3.M5340	As M5540 but with switchable RS-485/RS-422 in place of RS485
PCD3.M5447/ M5547	Similar to PCD3.M5440/ M5540 but programmable with Siemens Step 7
PCD3.M5360/ .M5560	High power CPU basic module with Ethernet TCP/IP, 2 MB of program memory
PCD3.M5567	Similar to .M5560 but programmable with Siemens Step 7
Series PCD3.M6 Programmable Controller	
PCD3.M6340	Similar to .M5540 but with CAN interface
PCD3.M6347	Similar to .M6340 but programmable with Siemens Step 7
PCD3.M6360	High power CPU basic module with Ethernet TCP/IP and CAN interface, 2 MB of program memory
PCD3.M6367	Similar to .M6360 but programmable with Siemens Step 7
PCD3.M6560	High power CPU basic module with Ethernet TCP/IP and Profibus-DP Master 12 Mbits, 2 MB of program memory
PCD3.M6567	Similar to .M6560 but programmable with Siemens Step 7
PCD3.M6860	Standby controller with 2 Ethernet TCP/IP ports and a coprocessor for standby operation.
PCD3.M6880	Similar to .M6860 but for Standby operation
PCD3.M5 Battery Module	Holder for Lithium Battery and Led for CPU Status

RIO Head Stations	
PCD3.T660/T66x	Ethernet RIO Head station with 4 I/O module slots, Ethernet / Ether-S-Neta connection and integral web server, 24 VDC supply
PCD3.T668	Smart RIO, same as .T666, but for operation with Standby CPU
PCD3.T760/T76x	Profibus DP RIO Head station with 4 I/O module slots, Profibus DP / Profi-S-Net connection and integral web server, 24 VDC supply
Extension Modules	
PCD3.C100/C110	Extension housing with 4 resp. 2 I/O module sockets
PCD3.C200	Similar to PCD3.C100, with 24 VDC power supply
Accessories	
PCD3.K010	Extension plug PCD3 to PCD3
PCD3.K1xx, PCD2.K1xx	Extension cable PCD3 to PCD3, PCD2 to PCD3
Communication Modules	
PCD3.F1xx (incl. PCD7.FxxxS) .F110, .F121, .F130, .F150	Serial interface module RS 422 / RS 485, RS232, current loop 20 mA, RS 485 with galvanic isolation
PCD3.F1xxR500	F1xx Serial interface module as above with Flash memory for user program backup
PCD3.F180	Serial interface module for Belimo MP-BUS, max. 8 actuators and sensors connectable
PCD3.F210	RS 422 / RS 485 & optional PCD7.F1xxS
PCD3.F215	BACnet® MS/TP & optional PCD7.F1xxS
PCD3.F221	RS 232 full & optional PCD7.F1xxS
PCD3.F240	LONFFT10 & optional PCD7.F1xxS
PCD3.F261	DALI incl. bus power supply
PCD3.F270	M-Bus Master interface for up to 240 slaves
PCD3.F271	M-Bus Master interface for up to 20 slaves
PCD3.F272	M-Bus Master interface for up to 60 slaves
PCD3.F273	M-Bus Master interface for up to 120 slaves
PCD3.F281	Belimo MP-Bus & optional PCD7.F1xxS
Digital I/O Modules	
PCD3.A200	Digital output module, 4 relays, 250 VAC/2 A, 'make' contact, contact protection
PCD3.A210	Digital output module, 4 relays, 250 VAC/2 A, 'break' contact, contact protection
PCD3.A220	Digital output module, 2 x 3 relays, 250 VAC/2 A, 'make' contact, without contact protection
PCD3.A251	Digital output module, 8 relays, 48 VAC/2 A or 50 VDC/2 A with 6 change-over contacts + 2 make-contacts. Connection via 24-pole cage clamp terminal block.
PCD3.A300	Digital output module, 6 outputs, transistors, 10..32 VDC/2 A
PCD3.A400	Digital output module, 8 outputs, transistors, 5..32 VDC/0.5 A
PCD3.A410	Digital output module, 8 outputs, transistors, 5..32 VDC/0.5 A, electrically isolated from PCD2 bus
PCD3.A460	Digital output module, 16 outputs, transistors, 10..32 VDC/0.5 A, ribbon cable connector for PCD2.K2xx
PCD3.A465	Digital output module, 16 outputs, transistors, 10..32 VDC/0.5 A, connection for spring terminals

Digital I/O Modules	
PCD3.A810	Digital manual control module with 4 relays outputs: - 2 'changeover' contacts, - 2 'make' contacts
PCD3.A860	Light and shades control module with - 2 relays outputs 250 VAC/12A, - 2 digital inputs 24 VDC
PCD3.B100	Digital input/output module, 2 inputs, 2 outputs and 4 configurable inputs/outputs, inputs : 24 VDC / delay 8 ms outputs: breaking capacity 0.5 A / 5..32 VDC
PCD3.B160	Digital input/output module, 16 I/O (in blocks of 4 configurable)
PCD3.E110	Digital input module, 8 inputs, 24 VDC, source and sink operation, 8 ms input delay
PCD3.E111	As E110 with 0.2 ms input delay
PCD3.E116	Digital input module, 8 inputs, 5 VDC, source and sink operation, 0.2 ms input delay
PCD3.E160	Digital input module, 16 inputs, 24 VDC, source and sink operation, 8 ms input delay, cable with ribbon cable connector for PCD.K2xx/.K3xx
PCD3.E161	As E160 with 0.2 ms input delay
PCD3.E165	Digital input module, 16 inputs, 24 VDC, source and sink operation, 8 ms input delay, connection for spring terminals
PCD3.E166	Digital input module, 16 inputs, 24 VDC, source and sink operation, 0.2 ms input delay, connection with spring terminals to max 0.5 mm ²
PCD3.E500	Digital input module, 6 inputs, 110..240 VAC, electrically isolated, source operation
PCD3.E610	Digital input module, 8 inputs, 24 VDC, electrically isolated, source and sink operation, 8 ms delay
Analogue Modules	
PCD3.W200	Analogue input module, 8 inputs, 10 bits, 0..10 V
PCD3.W210	Analogue input module, 8 inputs, 10 bits, 0..20 mA
PCD3.W220	Analogue input module, 8 inputs, 10 bits, Pt/Ni 1000
PCD3.W300	Analogue input module, 8 inputs, 12 bits, 0..10 V
PCD3.W305	Analogue input module with galvanic isolation, 7 inputs, 12 bits, 0..10 V
PCD3.W310	Analogue input module, 8 inputs, 12 bits, 0..20 mA
PCD3.W315	Analogue input module with galvanic isolation, 7 inputs, 12 bits, 0(4)..20 mA
PCD3.W325	Analogue input module with galvanic isolation, 7 inputs, 12 bits, ±10 V
PCD3.W340	Analogue input module, 8 inputs, 12 bits, universal: 0..10 V, 0..2.5 V, 0..20 mA, Pt/Ni 1000
PCD3.W350	Analogue input module, 8 inputs, 12 bits, Pt / Ni 100
PCD3.W360	Analogue input module, 8 inputs, 12 bits, Pt 1000 (-50..+150°C, 0.1°C)
PCD3.W380	Analogue input module, 7 inputs, 12 bits, Pt 1000 (-50..+150°C, 0.1°C)
PCD3.W400	Analogue output module, 4 outputs, 8 bits, 0..10 V
PCD3.W410	Analogue output module, 4 outputs, 8 bits, switchable 0..10 V / 0..20 mA / 4..20 mA
PCD3.W500	Analogue, combined input/output module, 2 inputs, 12 bits, 0..10 V or ±10 V and 2 outputs, 12 bits, 0..10 V or ±10 V
PCD3.W525	Customized multifunctional Module, 4 analogue inputs / 2 analogue outputs

Analogue Modules	
PCD3.W600	Analogue output module, 4 outputs, 12 bits, 0..10 V
PCD3.W605	Analogue output module with galvanic isolation, 6 outputs, 10 bits, 0..10 V
PCD3.W610	Analogue output module, 4 outputs, 12 bits, 0..10 V / $\pm 10V$ / 0..20 mA
PCD3.W615	Analogue output module with galvanic isolation, 4 outputs, 10 bits, 0(4)..20 mA
PCD3.W625	Analogue output module with galvanic isolation, 6 outputs, 10 bits, $\pm 10 V$
PCD3.W720	Weighing module with 2 systems for up to 6 weighing cells; resolution 18 bit
PCD3.W745	Universal temperature measurement module for up to 4 measuring inputs, resolution 16 bits, for TC Type J & K and Pt 100/1000 & Ni 100/1000
PCD3.W800	Analogue manual control module with: - 3 outputs 0..10 V with manual control, - 1 output 0..10 V without manual control
Motion Modules	
PCD3.H100	Intelligent counting module, 1 counting channel, 20 kHz, 2 inputs
PCD3.H110	Intelligent fast counting module, 1 counting channel, 100 kHz, 2 inputs, measurement of period, pulse and frequency
PCD3.H150	Absolute encoder module with SSI interface and 4 outputs 24 VDC/0.5 A
PCD3.H210	Module for one stepper motor axis
PCD3.H310	Module for 1 servomotor axis, encoder input, 24 VDC/100 kHz, setpoint output $\pm 10V$ (12 Bit)
PCD3.H311	Module for 1 servomotor axis, encoder, 5 VDC/100 kHz, setpoint output $\pm 10V$ (12 Bit)
Memory Modules and Flash Cards	
PCD3.R500	Back-up flash card
PCD3.R550M04	4 MByte flash card with 3 MByte file system
PCD3.R550M128	Flash card style R500 with 128 Mbyte
PCD3.R551M04	4 MByte flash card with 3 MByte file system
PCD3.R560, R561	Flashcard with BACnet®
PCD3.R562,	Flashcard with BACnet® and 128 MByte file system
PCD3.R580, R581	Flashcard with Lon IP
PCD3.R582	Flashcard with Lon IP and 128 MByte file system
PCD3.R600	Basic module with slot for SD flashcards

PCD7.D4XX PANELS	
PCD7.D4xx①②③④⑤	<p>Generic pattern with:</p> <p>xx Size of the screen (12 = 12 inches, 10 = 10.4 inches, 70 = 7 inches, 57 = 5.7 inches, 50 = 5 inches)</p> <p>① Technology of display: B = Black / White or level grey S = color STN QVGA T = color TFT QVGA V = color TFT VGA D = color TFT SVGA X = color TFT XGA W = color TFT WVGA</p> <p>② Entry Technology (Touch Screen or Membrane Keys): K = Keys only L = Keys + Numeric Keys T = Touch only M = Touch + Keys N = Touch + Keys + Numeric Keys</p> <p>③ Microprocessor: C = Coldfire 5272 P = Coldfire 5373 5 = Coldfire 5373 (model has optional firmware)</p> <p>④ Mounting & Additional Function: E0 = energy monitoring application included F or blank = Flush Mounting G = Flush Mounting 268 x 156mm (specific construction)</p> <p>⑤ Variant: Blank = None Zxx = Specific variant (xx from 0 to 49 or 51 or 52)</p>
OEM panels	
PCD7.D457SLCG01	OEM Flush mounting Web panel with embedded Micro-Browser 5,7" STN 256 colors « Comfort Line » OEM, Numeric keyboard/Keys/Fkeys. 4MB flash, with PS/2 and serial port for printer. Customer specific.
PCD7.D457SNCG	OEM Flush mounting Web panel with embedded Micro-Browser 5,7" STN 256 colors « Comfort Line » OEM touch screen panel, Numeric keyboard/Keys/Fkeys. 4MB flash, with PS/2 and serial port for printer.
PCD7.D457BNCG	OEM Flush mounting Web panel with embedded Micro-Browser 5,7" STN 16 levels of grey « Comfort Line » OEM touch screen panel, Numeric keyboard/Keys/Fkeys. 4MB flash, with PS/2 and serial port for printer.
PCD7.D457BLCG01	OEM Flush mounting Web panel with embedded Micro-Browser 5,7" STN 16 levels of grey « Comfort Line » OEM, Numeric keyboard/Keys/Fkeys. 4MB flash, with PS/2 and serial port for printer.

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Memory cards	
PCD7.RD4-SD	Basic interface for SD card. This interface is plugged directly on the PCB and screws fixing.
PCD7.R610	Basic module for Micro SD flash cards
PCD7.R-SD256	SD flash memory card 256 MBytes with file system
PCD7.R-SD512	SD flash memory card 512 MBytes with file system
PCD7.R-SD1024	SD flash memory card 1024 MBytes with file system
PCD7.R-MSD1024	Saia PCD® µSD flash memory card 1024MB
PCD7.R-CF128	Compact Flash memory card 128 MBytes with file system
PCD7.R-CF1024	Compact Flash memory card 1024 MBytes with file system
PCD7.R-CF2048	Compact Flash memory card 2048 MBytes with file system

Manufactured by

Saia-Burgess Controls AG
Murten, Switzerland

Application/Limitation

PCD3.T76x series requires montage with ferrites to comply with EMC requirements. Installation to be made according to manufacturer instruction.

PCD3.M (from version D) can be installed without ferrites, for earlier version is montage with ferrites required to comply with EMC requirements.

PCD3.M2230A4T5 and PCD3.M2330A4T5 use the Wireless technology, which is not covered by this Type Approval Certificate. When used on board, the Wireless transmission shall be either deactivated or evaluated through "case-by-case" Plan Approval and witnessed by attending surveyor.

Type Approval documentation

See ANNEX

Marking of product

Model name and part number: As listed under Product description
Serial number: Unique for each delivered item

Other Conditions

The units have been verified for compliance with EU Mutual Recognition Technical Requirements for "Display Monitors, Video Screens, Terminals" version 0.3, dated 2016-04-01.

EU Mutual Recognition Technical Requirements for Computers and programmable logic controllers (PLC) version 0.3, dated 2016-04-01 have additionally been verified.

Environmental test parameters

Temperature: 0°C and 50°C

Vibration: ±1mm / 0,7g

EMC: All locations including bridge and open deck

Enclosure: Required protection according to Class Rules

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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 annually and at renewal of this certificate.

END OF CERTIFICATE

Type Approval documentation
Technical Documents

Series PCD3.M2xxx Programmable Controller	
Hardware Manual for PCD3 Compact series: 26/861 Version EN2	dated 2009-07-10
Saia PCD3.M2130V6 Compact – Ethernet Controller Data Sheet 26/473 E6	dated 05.2009
Saia PCD.Mxxx0-Compact programmable CPUs, 26/397 E11	dated 02.2009
Hardware Manual for PCD3 WAC series: 26/862 Version pEN1	dated 2009-02-01
Saia PCD3 Wide Area Controller Flyer 26/460 pE1	dated 03.2008
Series PCD3.M3xxx Programmable Controller	
Hardware Manual for the PCD3 Series: Doc. No.: 26/789, Version EN9	dated 2009-03-15
Series PCD3.M5xxx Programmable Controller	
Series PCD3.Mxx6x Programmable Controller	
Saia PCD3 series, Automation stations – Saia PCD3 (data sheet page 19 to 44)	
Hardware Manual for the PCD3 Series, Document 26-789 EN18	
Saia PCD® Standby System User Manual	dated 2015-01-08
RIO Head Stations PCD3.Txxx	
Saia PCD3.T660 Ethernet RIOs, 26/498p E1	dated 12.2008
Saia PCD3.T76x Profibus RIOs Head station with integral web server, 26/389 E4	dated 08.2008
Extension Modules PCD3.Cxxx	
PCD3.F1xxS Saia PCD3 I/O Modules and modules holders, 26/388 E14	dated 08.2008
PCD3.B160 Manual: Document-No. 27/601; Version EN03	dated 2013-08-15
PCD3.W525 Hardware Manual for PCD3.W525 & PCD2.W525 no.: 26-853 Ver. E2	dated 2008-01-18
PCD7.D4xx PANELS	
Manual / user's guide VGA MB panel 26/858 Version E1 Rev 3c	dated 2009-10-12
Serie PCD7.D4xx MB Panel, Document-No. 26-851 Edition E5	dated 2009-02-13
Saia PCD7.D410VTCF 10.4" TFT/VGA Micro Browser Data Sheet 26/498 EN01	dated 08.2009
Saia@Web-Panels in Micro-Browser Technology, 26/432 E4	dated 11.2008
Memory Cards PCD7.R610	
Manual: Micro-SD Flash Memory Module User Manual, 27-638 Edition EN02	dated 2014-08-04
Drawing: Flash MicroSD Halter Typ PCD7.R610, 463949270	dated 2013-09-26
Test Reports	
Series PCD3.M2xxx Programmable Controller	
09033-MP_DNV_TATR-PCD3M20_2130V6	dated 2009-11-26
6139_2e_Saia-Burgess_PCD3_Compact	dated 2008-05-14
Lab Work Completed_2009-08-20_E160970-20060518-TestRec-DS1_DielectricVoltage_PCD3.M2x3x	dated 2009-08-19
Montena_rap_saia_15776_PCD3_Compact	dated 2009-05-15
Confirmation of RF-Immunity Compact	dated 2010-02-02
09035-MP_DNV_TATR-PCD3M22_2330A4T5	dated 2010-01-29
Montena_rap_saia_15777_PCD3_WAC	dated 2009-05-15
Confirmation of RF-Immunity_WAC	dated 2010-02-02
Series PCD3.M3xxx Programmable Controller	
Saia, MP-EPCD3-001 rev.04	dated 2005-09-29
Saia, MP-EPCD3-005 rev.0	dated 2005-04-12
Saia, MP-EPCD3-009 rev.0	dated 2005-06-13

Saia, MP-EPCD3-014 rev.0 Saia, MP-EPCD3-015	dated 2005-06-08 dated 2005-10-03	
Series PCD3.M5xxx Programmable Controller		
Montena no. 14353 Montena no. 14533 Montena no. 14508 Saia Cold Test Damp Heat Test	dated 2005-10-05 dated 2006-04-04 dated 2006-02-23 dated 2005-10-03 dated 2005-10-05	
Series PCD3.M6xxx Programmable Controller		
MESCO Engineering GmbH, 21_18602_EMC2 14022-MP-PCD3_M6860_DNV_TATR.doc 7375-1 rev. 1 MES_Saia_13-MO-0070_PCD3.M6860_2014-09-23.doc MES_Saia_13-MO-0070_PCD3.M6860_HWD_2014-07-03.doc MES_Saia_13-MO-0070_PCD3.M6860_HWD_2014-11-07.doc MES_Saia_13-MO-0070_PCD3.M6860_HWD_2015-03-05.doc	dated 2005-07-07 dated 2015-05-04 dated 2015-02-25	
Extension Modules PCD3.Cxxx		
RUAG-5286 PCD3C Vibration-Shock	dated 2002-12-11	
Äquivalenzbetrachtung PCD_I-O_Module_V02 17014-MP_DNVGL_TATR-PCD2_3_B160	dated 2017-02-02	
PCD7.D4xx PANELS		
PCD7.D4	09034-MP_DNV_TATR-PCD7D410 6364_2_Saia_Burgess_MP_Panel_10.4 6364_3_Saia_Burgess_MP_Panel_10.4 RAP_OFFICIAL_MONTENA-EMC_15656 EMC Saia internal test report for PCD7.D410 no.: MP-EPCD7-D410VTCF Lp d EMC-Test.doc rev.0 Saia, MP-EPCD7-053 rev.01 Saia, MP-EPCD7-042 rev.0 Saia, MP-EPCD7-043 rev.0 Saia, MP-EPCD7-044 rev.1 Saia, MP-EPCD7-045 rev.0 Saia, MP-EPCD7-051 rev.00 Saia, MP-EPCD7-052 rev.01 Montena EMC SA Report no 14776 STS Vibration Test Report no 5816-1 RUAG STS Test Report no 5880 Saia Type Test Report Form for Ship Approvals Saia Temperature Test Report MP- EPCD7-08016 Rev.0 Saia EMC Immunity Test Report MP-EPCD7-08028 Rev.0 Saia Radiated Emission Test Report MP-EPCD7-024 Rev.0	dated 2009-11-24 dated 2009-10-19 dated 2009-10-19 dated 2009-11-17 dated 2007-02-26 dated 2006-03-13 dated 2006-03-13 dated 2006-05-29 dated 2006-05-29 dated 2006-12-06 dated 2007-04-03 dated 2007-01-22 dated 2006-09-12 dated 2007-01-26
PCD7.D412	RUAG IPX5 - Test for PCD7.D412, doc. No.: 6625-1 ver.1 RUAG Sine Vibration Test for PCD7.D412, doc. No.: 6625-2, ver.1 Saia TATR document for PCD7.D412DTPF, doc. No.: 11004-MP_TATR_PCD7.D412DTPF Montena EMC Test Report for PCD7.D412DTPF, doc.No.:	dated 2011-11-15 dated 13.10.2011

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	16'580	
PCD7.D4xxVT5F	12005-MP_TATR_PCD7.D457VT5F; revision #1 6625-1, version 1; 6625-2, version 1; 16'580 16'781	dated 2011-10-13 dated 2012-04-18
PCD7.D450	MES_Saia_13-MO-0070_PCD7.D450WTPF_2013-09-23.doc MES_Saia_13-MO-0070_PCD7.D450WTPZ51_2013-09-23.doc 13004-MP_PCD7.D450WTPF	dated 2014-01-29
PCD7.D470	MES_Saia_13-MO-0070_PCD7.D470WTPF_2013-09-23 rev02.doc	

MRA Documents

	Äquivalenzbetrachtung_PCD-CPUs_6_GHz-Messung.docx MES_Saia_19CH-00015_PCD3.M96_2020-01-23_Rev01 RUAG no. 7474 RUAG no. 6880	dated 2020-11-23 dated 2020-01-23 dated 2015-09-10 dated 2012-09-11
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Generic Statement for EU RO MR Type Approval Certificate

When a product is presented with this EU RO MR Type Approval Certificate for given application, its acceptability with regards to the limitations stated in the certificate conditions defined in 1b, 1c and 1d of the applied Technical Requirement will be evaluated by the EU RO in charge of classing the ship or being in charge of the unit/system certification.

In accordance with Article 10 of Regulation (EC) No 391/2009 of the European Parliament and of the Council of 23 April 2009 "on common rules and standards for ship inspection and survey organizations", the following organizations, recognized by the EU on this date, have agreed on the technical and procedural conditions under which they will mutually recognize this certificate:

- American Bureau of Shipping (ABS);
- Bureau Veritas (BV);
- China Classification Society (CCS);
- Croatian Register of Shipping (CRS);
- DNV GL;
- Indian Register of Shipping (IRS);
- Korean Register (KR);
- Lloyd's Register Group Ltd. (LR);
- Nippon Kaiji Kyokai General Incorporated Foundation (ClassNK);
- Polish Register of Shipping (PRS);
- RINA Services S.p.A. (RINA);
- Russian Maritime Register of Shipping (RS).

The scheme for the mutual recognition of class certificates for materials, equipment and components laid down by Article 10(1) of Regulation (EC) No 391/2009 is only enforceable within the Union in respect of ships flying the flag of a Member State. As far as foreign vessels are concerned, the acceptance of relevant certificates remains at the discretion of relevant non-EU flag States in the exercise of their exclusive jurisdiction, notably under the United Nations Convention on the Law of the Sea (UNCLOS). (In accordance with COMMISSION IMPLEMENTING REGULATION (EU) No 1355/2014 amending Regulation (EC) No 391/2009 - recital (25)).