

To get the Approved Product List

Go to Lloyd's Register web site: <https://www.cdlive.lr.org/information/> ,
click on Approvals,
then on Approved Products List,
select Search Engine, type 'Saia' in Field 'Manufacturer.?'

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the LR Type Approval System.

This certificate is issued to:

PRODUCER

Saia-Burgess Control Ltd.
Bahnhofstrasse 18
CH 3280 Murten
Switzerland

DESCRIPTION

Programmable Logic Controller
Web panel with embedded Saia Microbrowser Terminal

TYPES

PCD7.D4 – series

**NOMENCLATURE FOR
MODULES**

PCD7. D4xx ①②③④⑤

xx

Size of the screen (10 = 10.4", 57 = 5.7", 35 = 3.5")

①

Technology of display:
S = color STN QVGA
B = Black/White or grey level
T = color TFT QVGA
V = color TFT VGA
D = color TFT SVGA
X = color TFT XGA

②

Entry Technology (Touch Screen or Membrane Keys):
T = only Touch
M = Touch + Keys
L = Keys + Numeric Keys
N = Touch + Keys + Numeric Keys
K = Keys

Certificate No.

10/20021

Issue Date

11 June 2010

Expiry Date

10 June 2015

Sheet

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Jörn Brüggemann
Hamburg Design Support Centre
Lloyd's Register EMEA

Lloyd's Register EMEA
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- ③ Microprocessor:
C = Cold-fire Family (max.66MHz)
- ④ Mounting:
F = Flush Mounting
G = Flush Mounting (268x156)
- ⑤ Variant
Blank = None
Zxx = Specific variant (xx from 0 to 49)

APPLICATION Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002.

RATING Supply Voltage: 24VDC (-20/+25%)
Power: max.12W

Communication Ports:

- RS485 (spring connector for S-Bus communication)
- RS232 (D-Sub 9 poles)
- Ethernet (RJ 45 with LEDs control / http direct, Ether-S-Bus)
- USB (Standard USB slave service port)
- PS/2 (Standard MiniDin 6 poles (external Keyboard / barcode enter))

ADDITIONAL TESTS Low Temperature test (5°C/2hrs)
Dry Heat test (55°C/16hrs)h
Enclosure (Display (front) = IP65)

DESIGN CODE Manufacture's Specification

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OTHER CONDITIONS

Final arrangements of the system have to be in compliance with Lloyd's Register Rules and Regulations.

Type Approval of Products according to Test Specification No. 1 is essentially Type Approval of hardware. Examination of software aspect is restricted to functional operation as demonstrated in the Performance Test.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. ETS 23237-10 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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