



Type Approval Certificate

Germanischer Lloyd

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

Certificate No. 32 811 - 06 HH

Company Saia-Burgess Controls AG
Bahnhofstrasse 18
CH-3280 Murten

Product Description Programmable Controller

Type Series PCD4

Environmental Category C; EMC1

Technical Data / Range of Application CPU BUS MODULES (for Power Supply and CPU)
PCD4.C1xx : with 1 serial interface 20mA CL, RS232, RS422/485
.C340 : with 3 serial interfaces and 4 I/O modules
PROCESSOR MODULES
PCD4.M110 : with PGU
.M120 with PGU + 1 additional serial interface;
.M140 : with PGU + 3 additional serial interfaces
.M125 : with PGU + 1 additional serial interface;
.M145 : with PGU + 3 additional serial interfaces
.M170 : with PGU + 3 additional serial interfaces
.M170Fxx : as .M170 by adding PCD7.F700, F750, F77x, F65x
(Comm. Modul)
.M445 : with PGU + 3 additional interfaces and PROFIBUS co-processor
Tests and evidence according Requirement class 3
Firmware regarding document No. 124465307_5 dated 06-01-2006

Test Standard Guidelines for the Performance of Type Approvals Part 2, Edition 2003
Regulations for the Use of Computers and Computer Systems

Documents Manual Saia PCD4.W500/W600 and PCD4.Series; Hardware Manual 26/734E6 and PLC/PCD4/26/434D1 Manual; Test Reports: No. GL_PCD4_99:DOC (02/99), MP-EPCD1-011Rev.02 dated 29-09-2005; LB-EPCD1_004 Rev. 01 dated 19-11-2004; STS 024 No. 13'157dated 28-11-2002; 12'916 dated 25-01-2002, L0552-02 dated 14-06-02

Remarks None

Valid until 2011-06-08

Page 1 of 2

Type Approval Symbol



File No. I.B.07

Hamburg, 2006-06-09

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INPUT/OUTPUT BUS MODULES

PCD4.C22x : for 2 I/O modules
.C260 : for 6 I/O modules

DIGITAL INPUT/OUTPUT MODULES

PCD4.E1xx : 16 inputs 24V DC; .E600 : 16 inputs 24V DC opto isolated
.A200 : 8 relay outputs 230V / 2A with VDR/RC protection
.A250 : 16 relay outputs 230V / 2A
.A350 : 8 transistor outputs 24V / 2A
.A400 : 16 transistor outputs 24V / 0.5A
.A410 : 16 transistor outputs 24V / 0.5A opto isolated
.B900 : 16 inputs 24V DC and 16 transistor outputs 24V / 0,5A

ANALOGUE INPUT/OUTPUT MODULES

PCD4.W100 : 4 inputs + 2 outputs 12 Bit *
.W300 : 8 inputs 12 Bit + sign*
.W400 : 8 outputs 8 Bit 0..10V/0..20mA
.W500 : 8 inputs/outputs 12 Bit, galvanic separated *
.W600 : 8 outputs 12 Bit, galvanic separated *
* = range selected with PCD7.Wxxx modules see Certificate No. 68 437 - 94 HH

POWER SUPPLY MODULES

PCD4.N200 : 24VDC; 5V/4A;
.N210 : 24VDC; 5V/4A; +15V/0.5A; -15V/0.45A

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Page 2 of 2

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